

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



1826

# CONDITION OF SALE

Stock will be supplied at the prices named in this list as follows: On orders of \$25.00 and upwards everything may be selected at the 100 rate regardless of quantity taken; get your neighbors to club with you and take advantage of the above rates. In all cases 5 will be furnished at the 10 rate, and 50 at the 100 rate.

**Terms: Cash with order unless otherwise agreed upon. If goods are desired C. O. D. the order must be accompanied by one-third of the amount to guarantee acceptance.**

Remittances should be made by P. O. Money Order, Registered Letter, Express Money Order, or New York Draft.

We guarantee all stock to be up to size and grade specified in list, to be in good condition and well packed when it leaves our grounds; this guarantee holds good only when prompt notification on arrival of stock is sent us, stating plainly any errors or cause for complaint. All claims for errors must be made within ten days after receipt of goods.

We can make direct shipment on the New York Central or Nickel Plate Railroads, American Express, Electric Package and some items by Parcel Post; customers paying transportation charges. All heavy trees in large quantities should be sent by freight, as the charges are so much less, and our perfect packing admits of a long journey without injury to trees. Always give full and explicit direction for shipping, as our responsibility ends on delivery of trees in good condition to the carriers. If goods suffer through delay in transit, claim should be made on transportation company.

While we exercise the greatest diligence and care to have all our trees, etc., true to label, and hold ourselves in readiness on proper proof to replace all trees, etc., that may prove untrue to label free of charge or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves, that the guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that may prove untrue.

**We will be pleased to quote prices to anyone desiring different sizes of stock, or larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.**

In filling orders from this list we reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with the correct name), unless the party ordering says, "no substituting," in which case we will fill the order, so far as we can, and return the balance.

## DISTANCES FOR PLANTING

Standard Apples-----	30 feet apart each way
Standard Pears and Strong Growing Cherries-----	20 feet apart each way
Duke and Morello Cherries-----	20 feet apart each way
Standard Plums, Peaches, Apricots, Nectarines-----	16 to 18 feet apart each way
Dwarf Pears-----	10 to 12 feet apart each way
Dwarf Apples-----	10 to 12 feet apart each way
Quinces-----	10 to 12 feet apart each way
Grapes-----	rows 8 feet apart, 5 feet in rows
Currants and Gooseberries-----	4 feet apart
Raspberries and Blackberries-----	3 to 4 by 5 to 7 feet
Strawberries, for field culture-----	1 by 3 to 3 1/2 feet
Strawberries, for garden culture-----	1 to 2 feet apart

## NUMBER OF TREES ON AN ACRE

3 feet apart each way-----	4840	12 feet apart each way-----	300
4 feet apart each way-----	2725	15 feet apart each way-----	205
5 feet apart each way-----	1745	18 feet apart each way-----	135
6 feet apart each way-----	1210	20 feet apart each way-----	110
8 feet apart each way-----	680	25 feet apart each way-----	70
10 feet apart each way-----	435	30 feet apart each way-----	50

**RULE**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which if divided into the number of square feet in an acre (43,560) will give the number of plants or trees to the acre.

---

# A WORD WITH YOU

ONE of the pleasures of doing business is the greetings and friendships that grow up from its associations. The same spirit of friendship and co-operation abounds in our business done by mail, as with those whom we meet face to face because we all respond to the same good intention and service through whatever medium we meet, and again offer kindly greetings to old customers, and extend the hope that we may prove our merit to the newcomer by the quality of our stock and the fidelity with which we look after their interest in the details that fall to our part of the transaction.

Giving our personal attention to the propagating and packing of our Nursery Stock, we feel assured that our customers will get what we understand that they want, and that it will be delivered in the best possible condition, and found exactly as represented, as nearly as painstaking care and attention, with a determination to please, can make it.

Those wanting a large amount of stock should send list of what they want for special prices.

We aim to raise the best stock, graded to the highest standard, strongly grown, well rooted and thrifty.

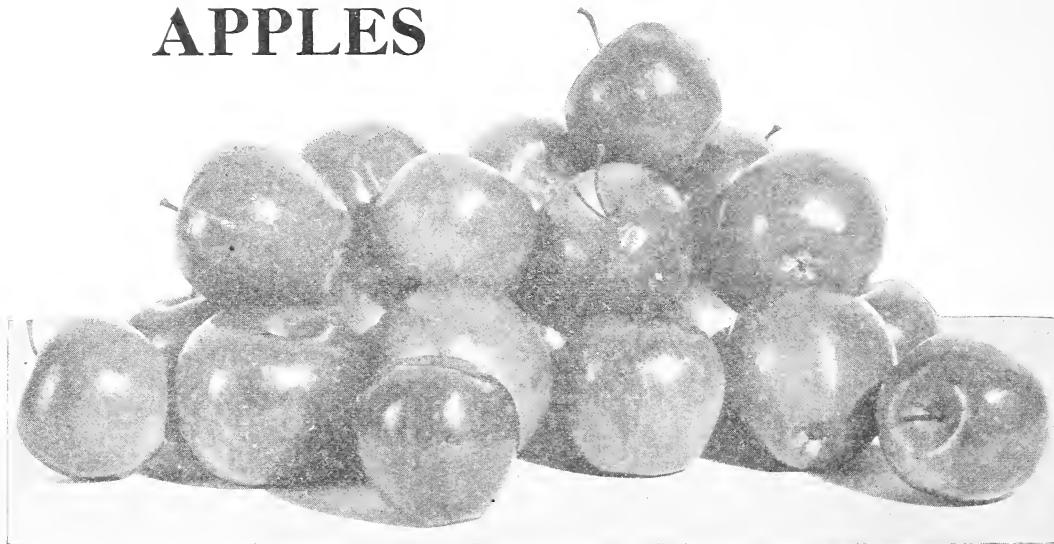
We think a satisfied customer is the best advertising medium.

We do not believe in the policy of replacing stock which dies after transplanting from natural or other causes. Our experience in the past has proven that the practice of replacing free, has a tendency to encourage carelessness on the part of the planter and also to marring to some extent the friendly relationship that ought to exist between the nurseryman and the planter. The most scrupulous care is exercised in the handling of trees from the time of digging until packed for shipment. No chance for injury to stock before shipment is possible under our system. With proper care but few of our trees fail to grow.

Our northern location is worthy of special mention. One of the great advantages so liberally bestowed upon us by nature is a lovely, cool and healthy climate; an atmosphere purified and tempered by the balm of breezes of Lake Erie, where fungus diseases are rarely found. The soil is rich loam of wonderful fertility, very rich in nitrogen, and underlaid with a porous clay subsoil, eminently adapted to the production of hardy trees, etc. These facts no doubt to some extent account for the uncommon vigor of our trees and plants when afterwards transplanted. Our stock always ripens up thoroughly in the fall and goes into winter without danger of being injured by severe frost. A comparison will prove that our stock has not the willowy and watery soft growth of Southern or Western grown stock, which no doubt accounts in a measure for the large and increasing demand for our Northern grown stock. The wood is firm and hard, the bodies strong, while the roots have strong forcing power. Such trees cannot fail to make good and profitable orchards.

---

# APPLES



**Delicious**

**E**VERY farm should have its apple orchard. We have often been asked, how long before trees will come into bearing after being planted. Of course conditions and the manner of treatment of the trees after planting have a great deal to do with this; but under ordinarily favorable circumstances the following table may be a guide to help you. Some varieties bear much sooner than others. The following varieties will come into bearing from 3 to 5 years from planting: Yellow Transparent, Oldenberg, Rome Beauty, Grimes, Wagener, Wealthy, McIntosh, Maiden Blush, Stayman, Gravenstein, Banana, Delicious, Gano, Northwestern, Stark, Jonathan, and York Imperial. These should begin to bear in 5 to 8 years from planting: Early Harvest, Red Astrachan, Sweet Bough, Golden Sweet, Baldwin, Hubbardston, Northern Spy, and R. I. Greening. Of course this does not complete the entire list of varieties we offer, but it will be a guide to those wishing to plant.

Apple trees should be planted from 25 to 40 feet apart, according to local conditions, soil, and varieties. They will do well on nearly any well drained soil.

When planting an orchard it should be borne in mind that the planter is making a long time investment.

		Each	Per 10	Per 100
<b>APPLES.</b>	5 to 6 feet	\$0.70	\$6.00	\$50.00
	4 to 5 feet	.60	5.00	40.00
	3 to 4 feet	.50	4.00	30.00
Special—	Baldwin, Banana, Fameuse, McIntosh, Northern Spy,			
	R. I. Greening, Rome Beauty, and Wagener.			
	5 to 6 feet	.80	7.00	60.00
	4 to 5 feet	.70	6.00	50.00
	3 to 4 feet	.60	5.00	40.00

## SUMMER VARIETIES

**Early Harvest.** Fruit is medium size to large; the skin tender, very smooth, clear pale waxyen yellow. Sub-acid. July.

**Golden Sweet.** Rather large. Pale yellow. One of the best sweet apples. August.

**Liveland Raspberry.** Fruit good sized, clear, waxy white, striped crimson; flesh snow white. Blooms late, is blight resistant, bears early, makes a good filler.

**Red Astrachan.** Deep crimson sometimes striped with yellowish green; medium to large in size, tender, tart. For nearby markets one of the most profitable apples. Last of July to the middle of August.

**Sweet Bough.** Large yellow, sugar sweet. Hardy. August.

**Yellow Transparent.** One of the best known summer apples. Often bears the second

year after planting. Pale yellow, pleasantly acid, tender and good.

## FALL VARIETIES

**Chenango Strawberry.** Large beautiful fruit, yellowish-white striped with red, excellent quality, early and regular bearer. September to November.

**Fall Pippin.** Large beautiful yellow, rich and tender. September to December.

**Gravenstein.** Greenish yellow striped with red. Highly flavored. Valuable for market and cooking. September to November.

**Lowell.** Fruit rather large; clear yellow with waxy surface. Flesh a little coarse, very juicy, slightly sub-acid, and desirable for either dessert or culinary uses. Season extends from late August to October. Tree hardy and strong grower.

**Maiden Blush.** Creamy yellow flushed with red. September and October.

**Munson Sweet.** Pale yellow, often somewhat blushed. October and November.

**Oldenberg.** (Duchess of Oldenburg.) Yellow striped and mottled with red. Thrifty and does well in nearly all sections, comes into bearing the third year after planting. The trees are naturally dwarf growers and make fine fillers. Late August and September.

**Rambo.** A fine well known red variety. Late fall.

## WINTER VARIETIES

**Baldwin.** One of the best known market varieties of the northern states. In the territory north of Columbus, Ohio, through Pennsylvania, New York, Michigan, Northern Indiana, and the New England states, it is the leading market variety. It is one of the most reliable of the old sorts. Large, deep red, crisp, juicy flesh, good flavor.

**Banana.** A very early and annual bearer. Beautiful golden yellow. One of the most successful of the winter varieties, and should be included in every collection. Flesh sweet, tender and juicy.

**Delicious.** Large, oblong, brilliant dark red, with fine-grained, juicy crisp and melting flesh. Hardy, and an early and productive bearer. One of the best new varieties, which has been successfully grown in most every section of the country.

**Ensee.** Seedling from the Rome Beauty. Said to be of superior quality but retaining all the other good features of that splendid old variety, which it somewhat resembles.

**Fallawater.** Large, with smooth skin of a yellowish green, with a dull red cheek. Flesh white, crisp and juicy. Tree a fast grower and productive. Sometimes known as the *Tulpehocken*.

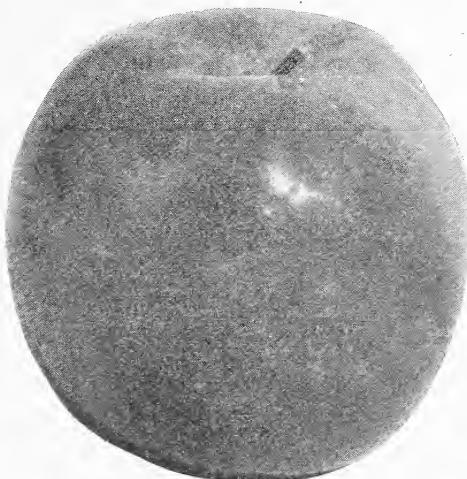
**Fameuse.** (Snow.) Medium size, deep crimson, snowy white, tender, melting flesh of fine flavor.

**Gano.** Sometimes called the Black Ben Davis. A great improvement over the Ben Davis which it somewhat resembles, but is of much finer quality. Dark red color, flesh crisp. Juicy and of fine flavor.

**Golden Russet.** Fruit medium, golden russet, with bronze cheek. Tree hardy and a reliable cropper. December to April.

**Grimes.** Good size, yellow, slightly russeted, juicy, rich, good keeper retaining its crispness and flavor. One of the best winter apples.

**Hubbardston.** Large, handsome, yellow, overlaid with red; tender flesh, delicious flavor. Hardy and productive.



Jonathan

**Jonathan.** Medium size, pale yellow heavily overlaid with red; flesh whitish, tender, crisp, juicy, slightly sub-acid. A fine keeper.

**King.** Very large, red, fair quality, very productive, flesh is slightly coarse but tender and vinous.

**McIntosh.** Good size, yellow washed and deeply blushed with bright red; flesh white, tender, crisp, juicy, slightly sub-acid becoming mild and nearly sweet when ripe.

**Northern Spy.** One of the oldest and best known varieties. Large, pale yellow ground nearly covered with bright red; effect bright red or striped red, flesh yellowish, tender, crisp, juicy and sub-acid. Tree hardy and strong growing.

**Northwestern.** Medium to large; clear pale yellow or greenish yellow; flesh yellowish, mild sub-acid, juicy. A good hardy variety.

**Pumpkin Sweet.** Fruit large to very large, marbled with light and dark green; streaked with whitish scarf-skin. Tree strong grower and long lived. October to January.

**Cortland.** New variety. A cross between the McIntosh and Ben Davis, having the good qualities of the McIntosh, being later in season, of high quality and good color and keeping well to the last of winter. New York State growers are very enthusiastic over it and it is recommended very highly by the experimental station of New York State. In 1-year-old trees only. 65c each.

**Rome Beauty.** Has been the best money maker of any apple through southern Ohio, Pennsylvania, New York and West Virginia. Medium to large size; golden yellow ground, mottled and overlaid with red. Flesh nearly white, firm, crisp, juicy, mild, sub-acid.

**R. I. Greening.** Large, greenish yellow, fine quality, the best for culinary purposes. The tree bears regularly and profusely.

**Stark.** Large, greenish yellow, striped with red. Flesh is yellow, moderately juicy, mild, sub-acid. Vigorous.

**Stayman.** Of high quality, annual and prolific bearer, medium to large size, red and yellow ground. One of the finest apples for fancy trade when properly grown.

**Sutton.** A desirable market variety. Medium to large, bright red nearly overspreading the yellow ground; flesh crisp, tender, mild sub-acid.

**Tolman.** Medium size; pale yellow slightly tinged with red, firm, rich and sweet; excellent for baking.

**Twenty-Ounce.** Very large and handsome, washed, mottled and splashed with bright red; flesh coarse, juicy and sub-acid.

**Wagener.** One of the best apples for this northern section. Medium to large, smooth, glossy, pinkish-red striped with bright carmine, on a pale yellow ground; crisp, tender, juicy, sub-acid; very good.

**Wealthy.** Large, yellow, blushed and striped with red; effect very bright red. Fresh, crisp, tender, very juicy and very good. Early, regular and abundant bearer.

**Wolf River.** Large, pale yellow or greenish, mottled and splashed with deep red. Flesh firm, tender, juicy and sub-acid.

**York Imperial.** A very important commercial variety. Does well everywhere. Medium size, yellow or green blushed with light red or pinkish red. Flesh firm, crisp, mild sub-acid.

## CRAB APPLES

**Hyslop.** Large deep red fruit, that hangs thickly in clusters.

**Transcendent.** Large, golden yellow striped with red; excellent for culinary use; very productive.

**Whitney.** Large, smooth, glossy green, heavily striped with carmine. Tree hardy, vigorous and heavy bearer.

## CLUB ORDER No. 1

5 Apple—  
1 Baldwin  
1 Early Harvest  
1 Yellow Transparent  
1 Red Astrachan  
1 Duchess  
2 Sour Cherry—  
Montmorency  
1 Sweet Cherry  
2 Plums—  
1 Lombard  
1 Green Gage  
2 Std. Pear—  
1 Bartlett  
1 Flemish Beauty  
1 Dwarf Pear—  
Duchess  
3 Peach—  
1 Elberta  
1 Carman  
1 Lemon Free  
1 Quince, Orange

\$10.00

## CLUB ORDER No. 2

2 Std. Apple—  
1 Baldwin  
1 Duchess  
1 Cherry, Montmorency  
1 Plum, Lombard  
1 Pear, Bartlett  
3 Peach—  
1 Elberta  
1 Carman  
1 Lemon Free

\$4.00

## A MODEL ORCHARD As Suggested by Ohio State University

12 Std. Apple—  
1 Yellow Transparent  
1 Duchess of Oldenberg  
1 Maiden Blush  
1 Wealthy  
1 Grimes Golden  
1 Jonathan  
1 R. I. Greening  
1 Baldwin  
1 Northern Spy  
1 Stayman

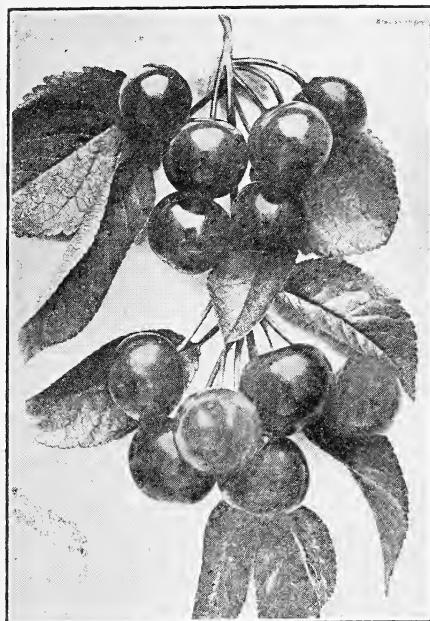
## A MODEL ORCHARD—Continued

1 Delicious  
1 Ensee  
7 Peach—  
1 Champion  
1 Belle of Georgia  
2 J. H. Hale  
1 Crosby  
1 Lemon Free  
1 Heath Cling  
7 Plum—  
1 Imperial Gage  
1 Lombard  
1 German Prune  
2 Italian Prune  
2 Damson  
2 Sour Cherry—  
1 Early Richmond  
1 Montmorency  
2 Sweet Cherry—  
1 Windsor  
1 Black Tartarian  
1 Quince, Orange  
3 Std. Pear—  
1 Bartlett  
1 Worden Seckel  
1 Kieffer  
1 Crab Apple, Hyslop  
12 Grape Vines—  
1 Green Mountain  
2 Moore's Early  
1 Brighton  
1 Delaware  
4 Concord  
2 Niagara  
1 Catawba  
88 Raspberries—  
12 Cuthbert  
12 King  
24 Cumberland  
24 Plum Farmer  
16 Columbian  
32 Blackberries—  
Eldorado  
10 Gooseberries, Downing  
10 Currants, Wilder  
10 Currants, Perfection  
180 Strawberries—  
15 Senator Dunlap  
45 Chesapeake  
90 Everbearing Strawberries—  
Progressive

\$40.00

# CHERRY TREES

**C**HERRIES are one of the most profitable ventures there is, as they require but little care, are thrifty, and bear large crops annually. They are easily picked and always in good demand. Also they make a very attractive as well as profitable road-side tree, in place of the ordinary shade tree. Cherry trees do best on a warm, gravelly soil, well-drained, and should be planted from 16 to 20 feet apart.



Montmorency

**Tartarian.** Large, purplish black; flesh mild, sweet, very good quality. Late June and early July.

**Windsor.** Fine large liver-colored cherry. Flesh firm and good. One of the best sweet cherries.

**Wood.** Large, round heart-shaped, yellow, mottled with red, flesh sweet, juicy and delicious. Tree healthy, vigorous and a great bearer. June.

## Sour Varieties

**Dyehouse.** Very early, medium size, bright red, juicy, with slightly tart flavor. Excellent for canning. June.

**Early Richmond.** Very productive and old variety; fruit dark red, medium size, tender and juicy. One of the most valuable of the acid cherries and is unsurpassed for cooking purposes. Tree slender grower, productive. June.

**May Duke.** Large, dark red, juicy, rich. Late June.

## Sweet Varieties

	Each	Per 10	Per 100
<b>CHERRIES.</b>	5 to 6 feet---\$1.25	\$10.00	-----
	4 to 5 feet--- 1.00	8.00	-----

## Sour Varieties

	Each	Per 10	Per 100
<b>CHERRIES.</b>	4 to 5 feet---\$.90	\$.70	\$60.00
	3 to 4 feet--- .80	6.00	50.00
	3 feet ----- .70	5.00	40.00

## Sweet Varieties

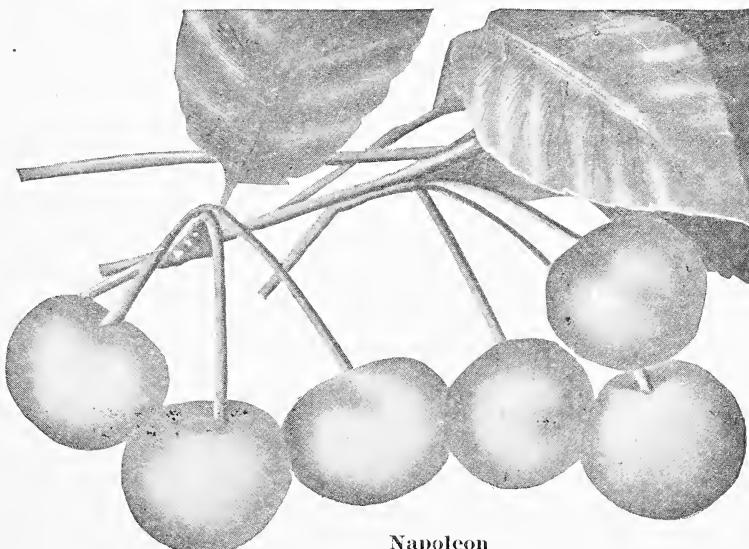
**Bing.** Very large, very dark red, almost black flesh, purplish red, firm, sweet, very good quality. Midseason to later.

**Lambert.** Very large, dark red, changing to reddish black; flesh dark red, meaty, firm and sweet, good quality. Hardy and productive. Midseason.

**Napoleon.** Large, bright red over yellow background; flesh whiteish, with yellow tinge, tender, meaty, crisp and sweet. Mid-season.

**Schmidt.** Purplish black; flesh purplish red, dark colored juice, crisp, firm, sweet, good quality. Large. Midseason.

**Spanish.** Bright amber yellow with red blush; flesh whiteish, tender, crisp, sweet, very good. Midseason.



Napoleon

**Montmorency.** Ripens about ten days after the Early Richmond. Large, round, handsome red; flesh fine flavored, sub-acid, rich, Recommended for kitchen and nearby market. Tree a good grower, hardy, productive. Late June.

**Morello.** Large, dark red, tender and juicy; acid rich. A late sort.

# PEACH TREES



A Block of 200,000 Peach Trees

**PEACH TREES** grown in northern Ohio are considered by Peach growers and Peach orchardists as the very best that are grown anywhere in the country. The soil and climate conditions are ideal for the growing of these trees. We grow hundreds of thousands of them every year, and many of the best orchards in the largest fruit growing districts of the northern states are from our trees. Peach trees are one of our specialties.

Peach trees need a warm, well drained soil, and should be planted 16 to 18 feet apart, and thoroughly cultivated and pruned.

	Each	Per 10	Per 100
<b>PEACHES.</b> 4 to 5 feet-----	\$0.40	\$3.50	\$30.00
3 to 4 feet-----	.35	3.00	25.00
2 to 3 feet-----	.30	2.50	20.00
<b>Special</b> —Elberta, J. H. Hale, Salberta, Rochester, Wilma, Lemon			
Free and Early Alberta. 4 to 5 feet-----	.50	4.00	35.00
3 to 4 feet-----	.45	3.50	30.00
2 to 3 feet-----	.40	3.00	25.00

**Alexander.** Medium size, pale green flushed with red; flesh white, tender, juicy; cling. Very early.

**Banner.** Large deep yellow with crimson cheek; flesh yellow and of fine quality, rich and firm. Good shipper and keeper. Tree hardy, vigorous and very productive. Last of September and first of October.

**Beer Smock.** Large, yellow, flesh red at stone, good quality and very productive. The best late market variety. Last of September and first of October.

**Belle of Georgia.** Very large; skin is white with red cheek; flesh white, firm, good flavor. August.

**Carmen.** Large, pale yellow with deep blush. Flesh tender, white, juicy, fine flavor. Hardy. First of August.

**Chair's.** Very large, deep yellow, with red cheek. Flesh firm, yellow, rich, good quality. Ripens five days earlier than the Smock.

**Champion.** Very large, white with red cheek; flesh sweet, rich and juicy. One of the very best early peaches. August.

**Crawford's Early.** Very large yellow peach; good quality and very productive. Late August.

**Crawford's Late.** Similar to Crawford's Early but a month later in ripening. Late September.

**Crosby.** Medium size, bright yellow streaked with red; flesh yellow and of good flavor. Tree hardy and productive. September.

**Dewey.** Large, yellow, strong, hardy and productive. July.

**Elberta.** The leading market variety. Fruit large, handsome, bright yellow overspread with crimson; flesh yellow, firm, juicy, good quality. Late August and Early September.

**Early Elberta.** Ripens about a week earlier than the Elberta; otherwise the same, or a trifle better quality.

**Engle.** A very fine late market sort. Resembles the Crawford's Late but is more productive. Sept.

**Fitzgerald.** Large, bright yellow suffused with red; flesh yellow, best quality. Very hardy, heavy cropper. Late August.

**Greensboro.** The largest and the most beautifully colored of the early varieties. Flesh white, juicy and good. July.

**Hale.** A large deep golden yellow peach, overlaid with bright carmine. Smooth; flesh firm, fine grained and a perfect free-stone. Last of August.

**Heath Cling.** Large, creamy white, with faint blush, fine quality and a good keeper. Valuable for preserving and canning. October.

**Kalamazoo.** Large, golden yellow, crimson cheek, fine flavor and small pit. Tree strong, hardy and regular bearer. September.

**Lemon Free.** Very large lemon-shaped, pale yellow, excellent quality, very productive. One of the most valuable sorts. Very good for canning. Late September.

**Niagara.** A very large yellow peach of good quality and productiveness. Ripens just after the Elberta.

**Prolific.** Large, yellow peach of good quality. Hardy and productive. September.

**Rochester.** Large, hardy, yellow tinged with carmine. Mid-August.

**Salway.** Large, yellow with crimson cheek, one of the best late peaches. October.

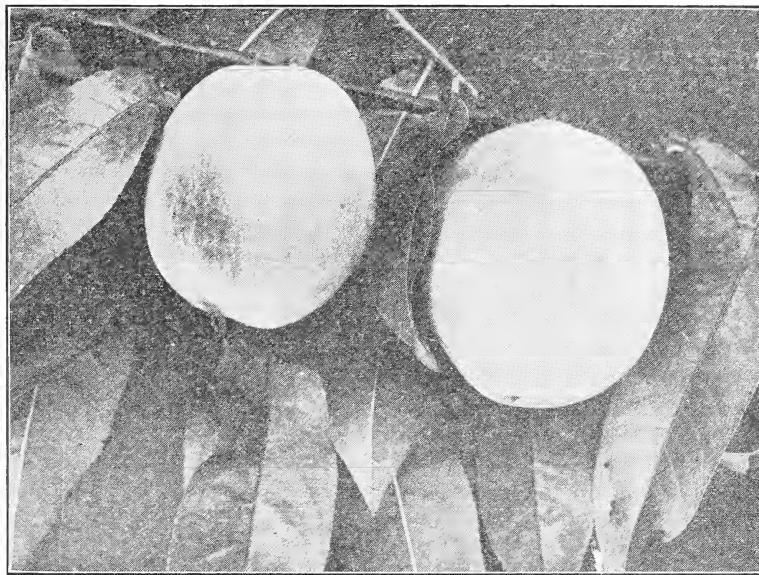
**Salberta.** A new variety. About a week later than the Elberta. Very hardy and productive.

**Stearns.** Similar to the Elberta but of better quality, and hardier. A comparatively new variety, but is proving to be one of the best. September.

**Stump.** A beautiful red and white peach of good size and flavor. Very productive. September.

**Yellow St. John.** Large, yellow with red cheek; fine flavor, very productive. Early August.

**Wilma.** Splendid new variety. Fruit as large as Elberta, not quite so elongated; better color and ripens about ten days later.



Lemon Free

## APRICOTS

A most delicious fruit of the plum species. Is of a distinct flavor and one of our best and most profitable market fruits. The tree bears young and most profusely. Ripening as it does between the cherries and peaches, the apricot is a most welcome fruit. In very sunny localities it is apt to bloom too early in the spring and be caught by the frost. The tree is slender in form, has beautiful dark-green foliage, pretty pink blossoms, and gives very satisfactory results as an ornamental tree in any garden or house lot. To avoid being caught by late spring frosts, spread long strawy manure about one foot thick around the tree in the winter.

	Each	Per 10	Per 100
APRICOTS.	4 to 5 ft. - \$0.90	\$7.00	-----
	3 to 4 ft. - .70	6.00	-----

**Moorpark.** Large, orange with red cheek. August.

**Royal.** Large, yellow with red cheek. Late July.



Elberta

# QUINCES

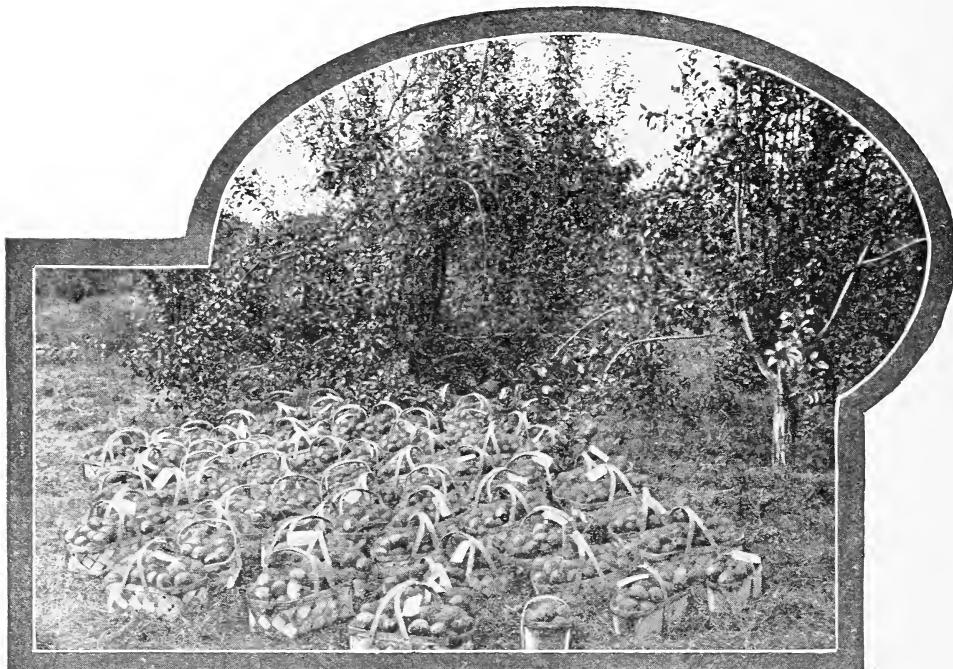
The quince is always in demand, although its commercial value has changed but little for many years. Quinces are largely used in cooking, canning and preserving, as they have a delicious flavor. It is a reliable crop, and requires but little care. Yet the increased size of the fruit and the quality repay well for all the extra work given them. The trees thrive in almost any soil, but prefers a heavy, moist, clay loam.

	Each	Per 10	Per 100
QUINCES. 4 to 5 ft. -	\$0.95	\$8.50	\$75.00
3 to 4 ft. -	.85	7.50	65.00

**Orange.** Large, round, bright golden yellow and very productive. The best market quince. October.

**Champion.** Large, oblong, bright yellow, russet around the stem. Tree early and annual bearer. Later than the Orange.

# PEAR TREES



**P**EARs, like plums, do best on a loam or clay soil, and should be planted from 15 to 20 feet apart. They begin to bear from 3 to 5 years after planting. For permanent orchards the standard trees are the best, but for small lots and home gardens the dwarf trees are much used. The dwarf trees are those grown or propagated on quince roots, causing the tree to grow smaller, and some varieties are very good grown in this manner.

Some points in favor of pears are: they begin bearing in a very few years after planting; seldom miss bearing at least a partial crop, for which there is always a ready sale, besides they are one of the most healthful of our fruits.

	Each	Per 10	Per 100
PEARS (Standard) 5 to 6 feet -	\$1.00	\$8.00	\$70.00
4 to 5 feet -	.90	7.00	60.00
PEARS (Dwarf) 4 to 5 feet -	.75	6.00	50.00
3 to 4 feet -	.65	5.00	40.00

## SUMMER VARIETIES

**Bartlett.** Large, coloring when fully ripe to waxy yellow with a red blush, juicy, melting, highly flavored. Bears early and abundantly. The leading market variety. Good either as a dwarf or standard. August and September.

**Clapp's Favorite.** Large, yellow flushed with red next to the sun; juicy and delightful.

Earlier than the Bartlett. Tree vigorous, hardy and productive. August.

**Mary.** One of the best early pears. Red cheeks. Best quality.

**Tyson.** Medium size; yellow with russet shadings; melting, sweet and rich. August.

**Wilder.** Medium size; pale yellow with shadings of russet-red; melting and delightful, abundant bearer. Early August.

## AUTUMN VARIETIES

**Buerre D'Anjou.** A large greenish pear shaded with russet-crimson; highly flavored and very productive. One of the best fall pears. October and November.

**Duchess D'Angouleme.** Very large, greenish yellow spotted with russet; flesh white, juicy and rich. We recommend it as one of the best for market and home use. Especially good as a dwarf. October and November.

**Flemish Beauty.** Large, handsome, luscious flavor. Tree vigorous and hardy, bears early and abundantly. September and October.

**Howell.** Fine size, bright color, excellent quality; tree vigorous and bears early. September and October.

**Keiffer.** Large, fine appearance, good shipper and keeper; trees bear early and abundantly. October and November.

**Seckel.** Beautiful and delicious; one of the richest and highest flavored pears known. Small. September and October.

**Sheldon.** A large, round, russet and red pear of fine quality; excellent flavor, sweet and rich. October.

**Worden Seckel.** A seedling of the Seckel, as good in quality, but larger in size and a better keeper. October and November.



BARTLETT

## WINTER VARIETIES

**Lawrence.** Medium to large size; golden yellow with melting aromatic flesh. The best winter pear. Tree hardy and productive. November and December.

## PLUMS

WITH only reasonably good care and culture, plum trees can be kept in healthy condition, and will produce fine crops of fruits. The market for plums is never overstocked, and they always bring good profitable returns. Plums do best on loam or clay soil, and should be planted from 15 to 20 feet apart. They will begin to bear from 3 to 5 years after planting.

PLUMS.	5 to 6 feet	Each	Per 10	Per 100
4 to 5 feet		\$0.70	\$6.00	\$50.00
3 to 4 feet		.60	5.00	40.00
		.50	4.00	30.00

## EUROPEAN VARIETIES

**Archduke.** Reddish-purple changing to a dark blue; flesh golden yellow, juicy; good flavor. Early October.

**Bradshaw.** Very large, purplish-red changing to dark reddish purple; flesh dull yellow, juicy, sweet and good. Middle of August.

**German Prune.** Large, long-oval, purplish black; flesh yellowish green, sweetish, mild and pleasant flavor. September.

**Grand Duke.** A valuable late plum, reddish purple or purplish black; flesh is golden yellow, juicy, firm, sweet, mild, and good. Late September.

**Gueii.** Dark purplish black, flesh golden yellow, firm and sweet. Vigorous, hardy and productive. Early September.

**Italian Prune.** (Fellenburg.) One of the leading plums of western New York. Sometimes known as York State Prune. Is purplish black, flesh golden yellow, very good quality. Productive. Late August.

**Lombard.** Medium to large, purplish red; flesh yellowish, juicy, firm and sweet. Vigorous and productive. Late August.

**Monarch.** Large, dark purplish red; flesh yellow, juicy and tender. October.

**Reine Claude.** (Bavay's Green Gage.) Large, roundish oval, green, marked with red in sun; flesh yellow, juicy, excellent flavor. Late September.

**Shippers Pride.** Large, purplish black; flesh greenish yellow, firm and sweet. A good keeper and shipper. September.

**Shropshire Damson.** The largest of the Damsons. Purplish black, flesh golden yellow. Very productive. October.

**Yellow Egg.** Large, golden yellow; juicy, mild and good. Late August.

## JAPANESE VARIETIES

**Abundance.** Medium size, amber with markings of red; juicy and sweet. Productive. August.

**Burbank.** Large, deep cherry red; sweet and firm. Tree vigorous and productive. August.

**Red June.** Large, deep red, slightly sub-acid. Early August.

**Wickson.** Largest of the Japan Plums. A bright cherry red; flesh thick, sweet and tender. September.

## NUT TREES

On the market, nuts are always in demand and command good prices. There is hardly another branch of tree cultivation from which there is assured such substantial profits. Not only are you each year reaping a large harvest of nuts but at the same time the trees themselves are growing into many dollars in the form of lumber.

## GRAPE VINES

There should be Grape Vines in every home garden. For commercial purposes grapes are a very profitable venture. With but little care they will bear fruit, but good culture, pruning and spraying are well repaid by the best quality of fruit.

One of the most satisfactory crops that can be grown, because it can be depended upon practically every year. Grape vines will grow almost everywhere, but to produce the finest specimens they should be carefully cultivated and pruned. A south or southwestern exposure will give best results. The soil should be dry, if not, should be artificially drained before planting.

A top dressing of well-rotted manure should be applied every year, alternated every few years with a dressing of slaked lime.

Grapes can be easily trained over fences, buildings, arbors, pergolas, etc., and in this way are ornamental as well as useful. The enemies of the grape vine and fruit are few and can be easily kept in check.

**American Sweet Chestnut.** The native American Sweet Chestnut. It is useful both for ornamental purposes and for timber. The nuts are sweet and very desirable to grow for commercial purposes. No farm should be without its chestnut grove.

	Each	Per 10	Per 100
6 to 8 feet-----	\$1.20	\$10.00	\$90.00
5 to 6 feet-----	1.00	9.00	80.00

**Merriman Chestnut.** This is a cross between the Paragon Chestnut and the American Sweet. It is perfectly hardy and vigorous and enormously productive. Nuts of immense size, measure three inches in circumference and sometimes more. It was originated within a mile of our nursery, and we think it is one of the most desirable trees for planting that was ever introduced.

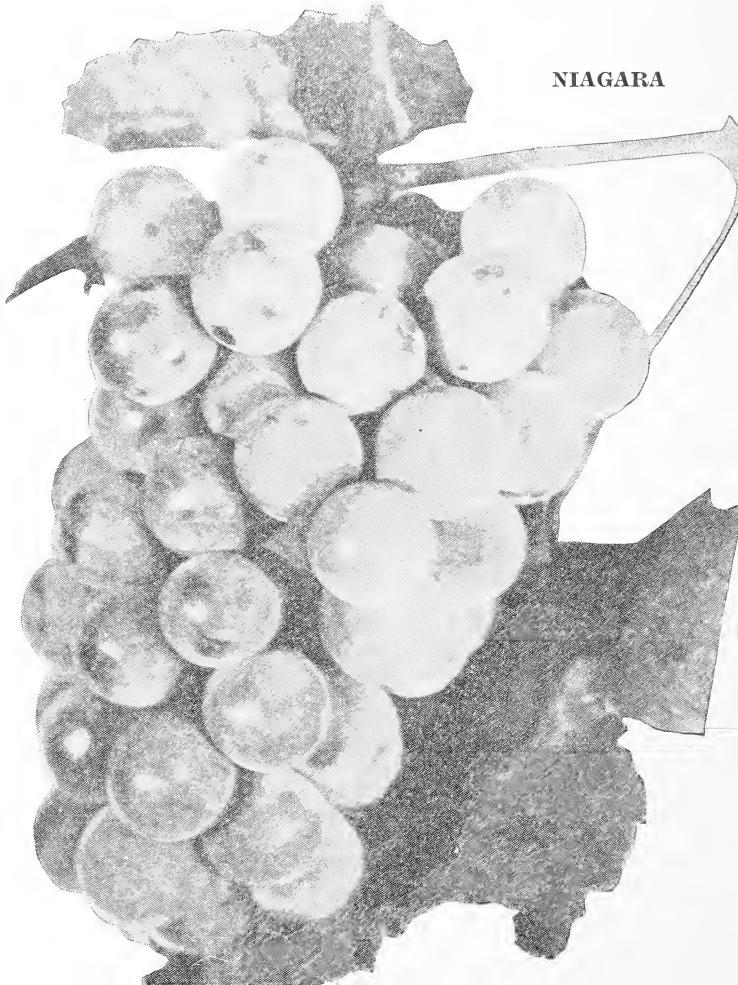
	Each	Per 10	Per 100
6 to 8 feet-----	\$1.50	\$13.50	\$125.00

**English Walnut.** Although not always hardy in our northern climate, they are desirable trees to grow.

	Each	Per 10	Per 100
1 1/2 to 2 feet-----	\$1.25	\$10.00	-----

**Black Walnut.** The large oily nuts are borne in heavy crops. The tree grows quite fast and its dark rich wood is exceedingly valuable.

	Each	Per 10	Per 100
2 to 3 feet-----	\$0.85	\$7.00	-----



## WHITE VARIETIES

**Diamond.** A very desirable variety. Earlier than Niagara. Green with a tinge of yellow.

	Each	Per 10	Per 100
1 year-----	\$0.20	\$1.50	\$13.00
2 years-----	.25	2.25	20.00

**Pocklington.** Clusters and berries large, fairly hardy, productive; yellowish green with a tinge of amber. A little later than the Concord.

	Each	Per 10	Per 100
1 year-----	\$0.30	\$2.50	\$20.00
2 years-----	.40	3.50	25.00

**Niagara.** The best of the white grapes. Clusters large and handsome. Light green changing to pale yellowish green; excellent quality; hardy. Ripens with the Concord.

	Each	Per 10	Per 100
1 year-----	\$0.20	\$1.50	\$10.00
2 years-----	.25	2.00	15.00

## BLACK VARIETIES

**Campbell's Early.** One of the newest varieties. Large, handsome, productive, dark purplish black, rather dull. One of the best early varieties.

	Each	Per 10	Per 100
1 year-----	\$0.22	\$2.00	\$18.00
2 years-----	.30	2.75	25.00

**Concord.** The leading variety for the market. Large, handsome clusters of big berries of good quality. One of the best known.

	Each	Per 10	Per 100
1 year-----	\$0.12	\$1.00	\$ 7.00
2 years-----	.15	1.20	10.00

**Ives.** Very hardy and productive. Very desirable for grape juice or wine. Jet black with blue bloom.

	Each	Per 10	Per 100
1 year-----	\$0.20	\$1.60	\$14.00
2 years-----	.25	2.00	16.00

**Moore's Early.** Clusters of medium size; berries large, round, dark purplish black. One of the best early grapes.

	Each	Per 10	Per 100
1 year-----	\$0.25	\$2.00	\$15.00
2 years-----	.30	2.50	20.00

**Worden.** Seedling of the Concord, but larger in bunch and berry and of superior flavor, about ten days earlier. Dark purplish black to black.

	Each	Per 10	Per 100
1 year-----	\$0.20	\$1.50	\$12.00
2 years-----	.25	2.00	18.00

## RED VARIETIES

**Agawam.** A little later than the Concord. A good keeper. Dark purplish red.

	Each	Per 10	Per 100
1 year-----	\$0.15	\$1.20	\$10.00
2 years-----	.20	1.50	13.00

**Brighton.** Bunches large, well formed; flavor and quality good; ripening with the Delaware. Light and dark red.

	Each	Per 10	Per 100
1 year-----	\$0.25	\$2.00	\$18.00
2 years-----	.30	2.75	25.00

**Catawba.** One of the standard table wine grapes; good sized berries and good clusters. Late. Requires long season. A good keeper. Dull red.

	Each	Per 10	Per 100
1 year-----	\$0.16	\$1.40	\$12.00
2 years-----	.25	2.00	18.00

**Delaware.** A choice native grape; bunches and berries are small but compact; of the best quality; light red. Very hardy.

	Each	Per 10	Per 100
1 year-----	\$0.25	\$2.00	\$18.00
2 years-----	.30	2.75	25.00

**Salem.** A little earlier than the Concord; it keeps and ships well; large fruit, round, very dark red with blue bloom. Very good.

	Each	Per 10	Per 100
1 year-----	\$0.20	\$1.50	\$12.00
2 years-----	.25	2.00	15.00

**Wyoming.** A week or ten days earlier than The Concord. Dark, dull red with lilac bloom.

	Each	Per 10	Per 100
1 year-----	\$0.25	\$2.00	\$15.00
2 years-----	.30	2.50	20.00

## GOOSEBERRIES

Gooseberries should be planted in good, rich soil and well manured once a year. Pick regularly, thoroughly cutting out all dead-wood and surplus branches. Plant in rows 4 feet to 6 feet apart in rows. It is well to mulch heavily in the fall. Plants are hardy, rugged and easily grown.

**Chautauqua.** Large white gooseberries. Very fine.

	Each	Per 10	Per 100
1 year-----	\$0.35	\$3.00	\$25.00
2 years-----	.40	3.50	30.00

**Downing.** A large, handsome, light green berry of excellent quality. Very vigorous and productive.

	Each	Per 10	Per 100
1 year-----	\$0.30	\$2.50	\$20.00
2 years-----	.35	3.00	25.00

**Houghton.** Fruit medium size, pale red, good.

	Each	Per 10	Per 100
1 year-----	\$0.30	\$2.50	\$20.00
2 years-----	.35	3.00	25.00

**Josselyn.** Large, hardy, bright red.

	Each	Per 10	Per 100
1 year-----	\$0.40	\$3.50	\$30.00

## MULBERRIES

The Mulberries are both fruit and ornamental trees. While few people care for them alone they add a wonderful flavor when cooked with other fruit. As their fruit ripens over a long period they are doubly valuable.

**Mulberries.** (Russian) Each Per 10 Per 100  
4 to 5 feet----- \$0.60 \$5.00 \$40.00

**New American and**

5 to 6 feet-----	1.00	-----	-----
4 to 5 feet-----	.90	-----	-----

**Russian.** Is very hardy. Much used for wind break. Fruit of very little value.

**Downing.** Is very prolific. Fruit large, black, sub-acid.

**New American.** Vigorous. Very prolific.

## CURRENTS

The currant is one of the most reliable of small fruits. They mature just before raspberries and can be used either raw or cooked. Being hardy, they do not winter kill, are easy of cultivation and require little care. They can be grown in any good garden soil, about four feet apart. The market is never over-supplied. Prune out dead wood, and mulch heavily. If current worms appear, dust with hellebore.



Currants

### RED VARIETIES

Fay's Prolific. Extra large, long stems and berries. Very productive.

	Each	Per 10	Per 100
1 year-----	\$0.14	\$1.20	\$10.00
2 years-----	.16	1.40	12.00

Perfection. Beautiful bright red, larger than the Fay's. Very productive.

	Each	Per 10	Per 100
1 year-----	\$0.25	\$2.25	\$20.00
2 years-----	.30	2.75	25.00

London Market. Hardy, good color and size. Heavy cropper.

	Each	Per 10	Per 100
1 year-----	\$0.15	\$1.20	\$10.00
2 years-----	.20	1.50	12.00

Wilder. The very best, bunch and berry very large, enormously productive, a strong grower. Will hang on the bushes in good condition for some time after ripening.

	Each	Per 10	Per 100
1 year-----	\$0.12	\$1.00	\$ 8.00
2 years-----	.14	1.20	10.00

### WHITE VARIETIES

White Grape. Large, handsome clusters of yellowish white berries. Best quality.

	Each	Per 10	Per 100
1 year-----	\$0.16	\$1.40	\$12.00
2 years-----	.20	1.80	15.00

### BLACKBERRIES

Blackberries are one of the most profitable of our small fruit crops, and should be grown on every farm and fruit plantation.

The blackberry thrives well in almost any soil, but to reach perfection, demands a strong loam, tending towards clay, rather than sand. In many parts of the country, winter protection is a necessity and often adds greatly to the yield where not considered really essential. The pruning of the blackberry is not a difficult task, yet success depends upon the proper method. The old canes should be removed early; it is preferable in the summer after they have borne their crop of fruit. Cultivation should be frequent but shallow, as deep cultivation disturbs the roots and induces them to sucker. Pinch back the canes when three or four feet high. It is not best to allow more than three canes to a hill. Blackberries should be planted about four feet apart in rows seven feet apart.

Per 10 Per 100 Per 1000  
Blackberries --- \$0.75 \$6.00 \$50.00

Blower. Originated in the fruit belt of western New York and has been thoroughly tested for several years. It has proven to be perfectly hardy and very productive. The fruit is of the finest quality, large size, jet black, and a good shipper.

Early Harvest. One of the first to ripen, very productive, but sometimes winter kills in the north.

**Eldorado.** The vines are very hardy and vigorous, and enormously productive. The berries are large, jet black, borne in large clusters and are very sweet.

**Mersereau.** A strong grower and is claimed to be the hardiest blackberry standing uninjured 20 degrees below zero. Very productive, of good size, berries of excellent quality. Ripens late.

**Snyder.** Medium size. Hardy, early.

**Taylor.** Berries of fine flavor and large. Canes vigorous, of ironclad hardiness, very prolific. Ripens late.

## RASP-BERRIES

Raspberries will do well in any soil not too wet. Keep cultivated and free from weeds; old canes should be cut as soon as done bearing, to give vigor to the new wood. Plant in rows six feet apart, three feet apart in the row.

### Purple Varieties

**Columbian.** Very large, purplish red, good flavor, enormously productive, strong grower. 60 cts. per 10; \$4.00 per 100.

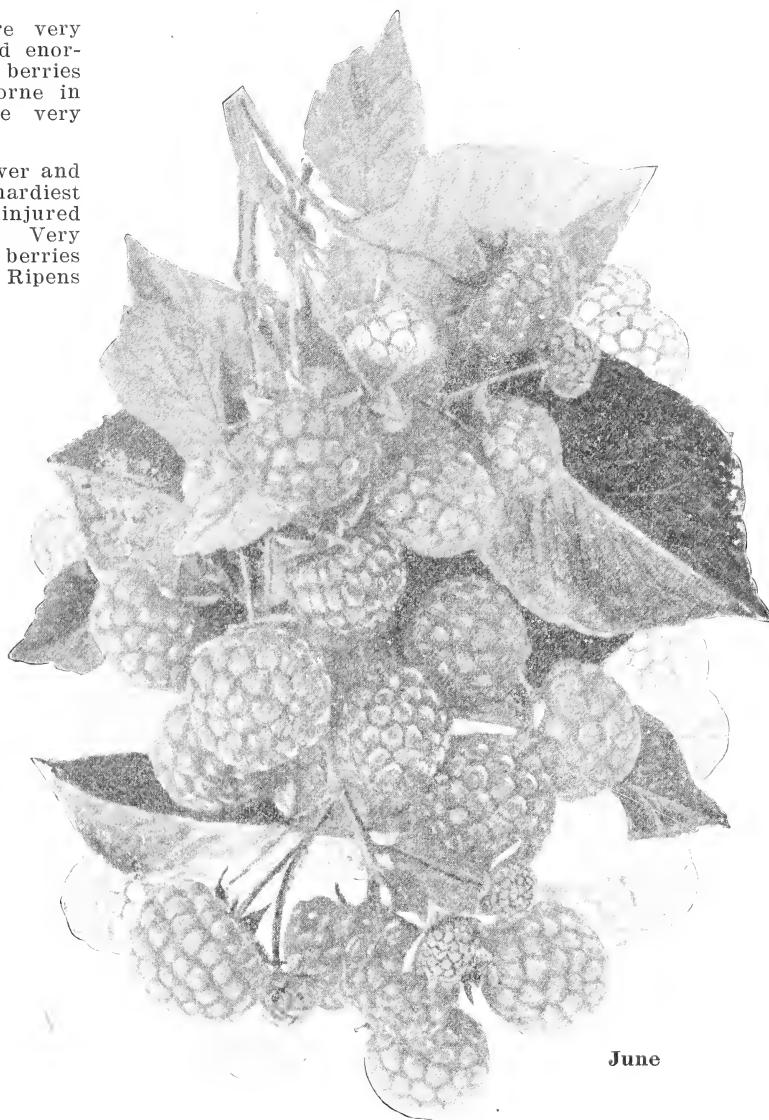
### Black Varieties

**Cumberland.** The best of all the black caps. Fruit very large, of the best quality, firm and handsome, canes healthy, hardy and vigorous. 50c cts. per 10; \$3.50 per 100; \$25.00 per 1000.

**Farmer.** (Plum Farmer.) Large, black, said to be as large as the Cumberland and as productive, and about the same season. 50 cts. per 10; \$3.50 per 100; \$25.00 per 1000.

**Kansas.** Early variety. We consider it the most dependable variety known. Berries jet black and of the best quality; canes vigorous, free from disease and hardy. 50 cts. per 10; \$3.50 per 100; \$25.00 per 1000.

**Munger.** A very fine new blackcap. Larger, harder, and more productive and of better quality than the Gregg. About a week later



June

than that variety. Was first grown in western Ohio from a seed of the Shaffer. 50 cts. per 10; \$3.50 per 100.

### Red Varieties

**Cuthbert.** The leading market red variety. The berries are of large size and bright red in color; very productive. The canes are vigorous and healthy.

50 cts. per 10; \$3.50 per 100; \$25.00 per 1000.

**King.** Earlier than the Cuthbert. Large bright red; very productive. 50 cts. per 10; \$3.50 per 100.

**St. Regis.** Continuous-to-fall bearing red raspberry. The fruit ripens with the earliest and continues until October. Bright crimson, large size.

50 cts. per 10; \$3.50 per 100.

## RED VARIETIES

**June.** Tested with seventy other varieties at the New York Experimental Station, this unusual new berry was the only one to bear fruit in June, and in this manner its name was gained. Besides its early bearing, there are other remarkable advantages. It is quite thornless! Berries are bright red, larger than Cuthbert, and are borne in

great profusion over a long period.  
80 cts. per 10; \$6.00 per 100; \$50.00 per 1000.

**Herbert**—Hardy, bright red, fine flavor.  
80 cts. per 10. \$6.00 per 100.

## YELLOW VARIETIES

**Golden Queen.** Berries large, a beautiful pale amber yellow. Canes hardy, of the strongest growth and productive.  
80 cts. per 10; \$6.00 per 100.

# STRAWBERRIES

Our Strawberry plants are taken from beds set especially to produce plants. Each variety is kept by itself. Our soil is especially adapted to growing strong and healthy plants, and we have been very successful in that line.

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and fertilized. For field culture, set in rows 3 or 3½ feet apart, 15 to 18 inches in the rows; for garden, 15 inches apart each way, leaving a pathway every third row.

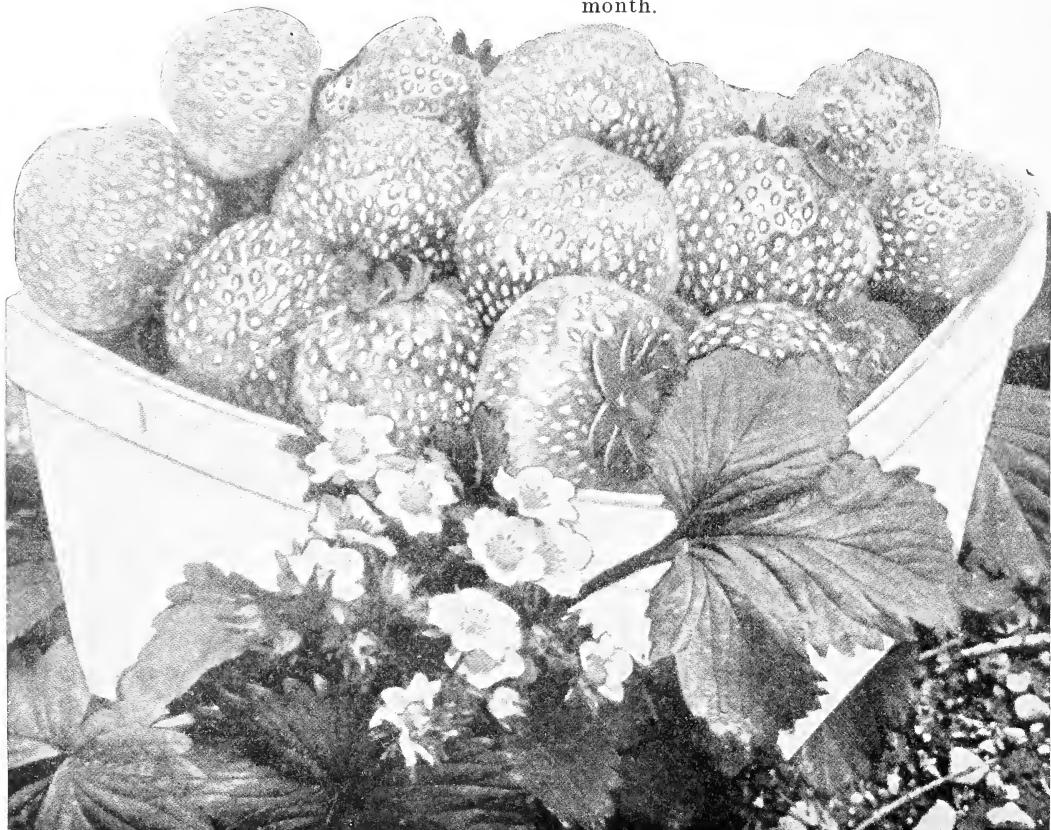
The varieties marked (Per) are perfect flowering or staminate; and those marked (Imp) are imperfect or pistillate.

	Per 100	Per 1000
Strawberries	\$1.00	\$8.00

**Aroma.** (Per) Plant shows no weakness of any kind. Fruit very large, roundish, conical; rarely misshapen, glossy red, of excellent quality and produces in abundance. Standard variety.

**Belt.** (Per) Very large conical, bright red, good flavor; the plant is strong, healthy and productive. One of the best berries. Season medium to late.

**Dunlap.** (Senator Dunlap) (Per) The great home and market berry of the present day. Large deep red, very firm and of excellent quality. Very early and bears nearly a month.



Premier

**Gandy.** (Per) One of the leading market sorts; color bright crimson, uniform in size and shape; large and firm; plants vigorous and healthy.

**Glen Mary.** (Per) Fruit large, sweet, rich, good color. Plants vigorous and productive. Is firm and a good shipper.

**Gibson.** Berries large, fine flavor, a deep red color. Midseason.

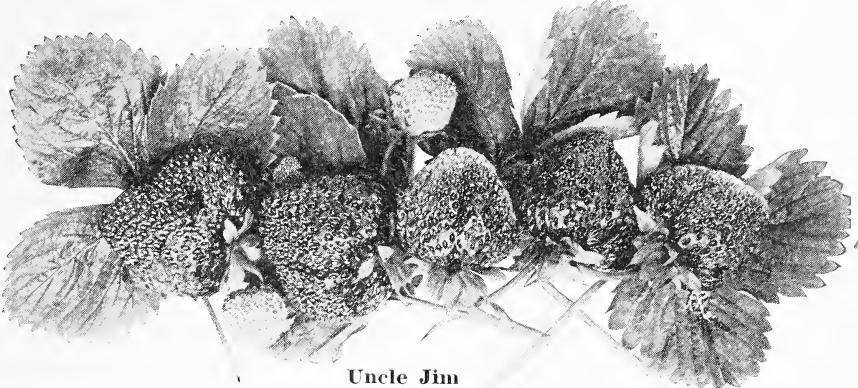
**Jessie.** (Per) Very large, handsome, dark red. On some soils very productive.

**Premier.** (Per) The finest early berry; large size, fine quality, handsome appearance.

**Parsons.** (Per). Very large, bright red, firm, a good shipper. A fine large plant and very productive. A very profitable berry. Midseason.

**Sample.** (Imp) The leading market variety of today. Large size, good color, heavy cropper.

**Uncle Jim.** (Per) One of the newest varieties; very large; beautiful color; excellent quality. A very valuable berry.



Uncle Jim

## DEWBERRIES

The Dewberry is a trailing or vine form of the blackberry. May be trained to run over stone piles, over rough embankments or rocky hillsides, and sometimes produce a very large crop of fruit annually over land where no other crop could be grown. The fruit is very large and always at a premium with the commission men or the open market. Should be protected in winter with a coarse litter.

**Lucretia Dewberry.** One of the low growing trailing blackberries; large berries and ripens early. 30 cts. per 10, \$2.50 per 100.

## RHUBARB

Ranks among the very best of the early products of the garden. After the long, dreary winter months it furnishes the first material for fine pies and delicious table sauce. To produce tender and quick growth, the ground must be kept very rich.

Per 100 Per 1000

Rhubarb ----- \$1.50 \$8.00

**Linneaus.** Leaf-stalks, large, tender, juicy; quite early.

**Queen.** The extra-large, tender stalks are a decided pink color, and splendid for canning.

## ASPARAGUS

Every home with a garden, in the country or city, should have a good sized bed of asparagus. Nothing is easier to plant or care for, and its being among the first fruits of the garden makes it a universal favorite. In a commercial way the supply is always inadequate and the price high. Plant in rows, setting the roots 18 inches apart. Spread the roots out and plant with crown two inches below the surface of the ground, top-dressing annually with well rotted manure.

**Asparagus.**

Per 100 Per 1000

1 year ----- \$1.50 \$13.00

2 years ----- 1.75 15.00

**Columbian Mammoth White.** Strong, vigorous; large white shoots.

**Conover's Colossal.** Large, tender, deep green shoots.

**Palmetto.** A very early variety, very large and regular in size.

## EVERBEARING VARIETIES

Everbearing varieties are receiving a great deal of attention and berries being picked all through the fore part of October. The Everbearing berries should be transplanted each year in order to insure their fruiting, but the extra time and attention is well repaid by the luscious results.

Everbearing Strawberries have proved one of the greatest horticultural finds of the century. 500 plants will not only supply the home with delicious strawberries from early spring until freezing weather in the fall, but give a surplus for canning or market. After the second spring crop it has been found more profitable to plow the bed up and set a new one.

Per 100 Per 1000

**Everbearing Varieties** ----- \$1.50 \$10.00

**Superb.** Very large, dark red and glossy, fine quality. It begins to bear in June with immense crops and continues until late in the fall. It is one of the heaviest bearers of berries in June as well as a remarkable fall bearer. Will produce a fair crop of fruit first summer.

**Progressive.** (Per) One of the finest berries of the market today. Everbearing; fine color; shapely; delicious. Will bear fruit until late October. A very desirable variety for the home garden from the fact that it bears great quantities of fruit.

# Ornamental Department



A Beautiful Arrangement of Shrubs and Perennials

**I**T IS almost needless to say that trees and shrubs greatly increase the value of any property; yet you may ride through some of the best farming sections and find that the owners have given little, if any, attention to the home surroundings. Fortunately, the articles in the farm papers from time to time, combined with the efforts of the civic improvement societies, are having a noticeable effect in changing this situation.

The majority of men, whether in the country or in the city, do not need any arguments to convince them that home plantings will improve the looks of their place and add to their home comforts; the only reason that we can see why they have not taken advantage of these things is the belief that it takes too much money, too much skill and care to plan the grounds and plant them in proper order. This is an entirely wrong idea; the expense is comparatively slight, the labor of planting amounts to very little, and almost every home owner can make a reasonably good selection of trees and shrubs that ought to be around his place. Only on the very large places would the services of a landscape architect be needed.

Of course one ought to know something about the habits of the trees and shrubs used, and select those that are adapted to the location, to the soil, and to the climate; otherwise the results would not be altogether satisfactory. The foundation work can be screened with low-growing shrubs like the Barberry, Anthony Waterer Spirea, or with low-growing evergreens; at the curves in the drives and walks, clumps of evergreens, groups of flowering shrubs, or peonies may be used to advantage.

About the lawn, maples, evergreens and shrubs can be used with good effect and a Privet or Barberry hedge is far superior to the most elaborate fence.

The worst "barn of a place" can be changed into an attractive and desirable residence so far as the outside surroundings can make it so, and the merely expensive home can be changed to a really beautiful place. Each tree and shrub has a definite use and nine times out of ten the average home owner will select and place these trees and shrubs so that he secures at little cost the home appearance that he has so ardently longed for.

Through the whole list of handsome and quick-growing trees and shrubs we have desirable specimens to offer. They have been grown on good soil, under the best conditions, and by men who understand growing deciduous and evergreen trees.

**PLANTING HINTS**—In preparing the ground for the trees dig at least two feet deep and three feet wide. Thoroughly mix the soil you take out, and then you can put about a foot of it back.

Start the trees 10 inches deeper than you want them to set. Sprinkle fine dirt in among the roots, and, as you continue to do this, jolt the tree up and down so as to settle the dirt in among the fine roots. As the hole fills up keep packing the dirt. Use a heavy maul and

come down on the dirt with all your weight. You cannot get it too tight about the roots. The top inch or two or dirt, however, should be loose to conserve moisture. Trees finally should set just about two inches deeper than they did in the nursery.

After planting you may water the trees liberally. We strongly recommend that you mulch immediately underneath newly planted trees. Hay, cut straw, and strawy-manure are good material to use for this. A layer six inches thick is not too deep. Such a mulch will keep the ground damp all the time, and will prevent nearly all evaporation. Unless you use this mulch it will be necessary to hoe around the tree every week or so to keep a mulch of dust on the surface and conserve the moisture. The after-treatment is determined easily.



WEST

A Block of European Sycamore or Oriental Plane

## DECIDUOUS TREES

There are several good reasons for planting shade trees; they keep off the intense heat of the summer sun; they afford a cool spot where the children can play; they make the place more pleasing and they greatly increase the value of the home.

Talk it over with friend wife, decide to increase the beauty of your place, plant shade trees now, this year, and in a few seasons you will begin to realize that the small cost of the trees was one of the best investments you ever made.

**Ailanthus Glandulosa.** (Tree of Heaven.) A lofty, rapid growing tree with pinnate palm-like leaves. Free from disease.

6- 8 ft.—\$1.30 each; \$12.00 per 10.  
8-10 ft.—\$1.60 each; \$15.00 per 10.

**Ash.** (American White.) Forest tree, tallest of the species, with straight clean trunk, smooth gray bark and glossy leaves.

8-10 ft.—\$1.00 each; \$ 9.00 per 10.  
10-12 ft.—\$1.60 each; \$15.00 per 10.

**Ash.** (European.) Somewhat smaller than the American Ash, with short thick trunk and darker foliage. Remains green in fall.

8-10 ft.—\$1.60 each; \$15.00 per 10.  
10-12 ft.—\$2.25 each; \$20.00 per 10.



Catalpa Bungei

## "IT IS NOT A HOME UNTIL IT'S PLANTED"



Silver Maple

**Almond.** (Double Flowered.) A beautiful little tree, which bears a profusion of rose colored blossoms in early spring.

3 to 4 feet—\$1.40 each; \$12.50 per 10.

**Birch.** (European White.) A vigorous tree, snow white bark, dark green foliage; very graceful and handsome.

8 to 10 feet—\$1.75 each; \$15.00 per 10.  
10 to 12 feet—\$2.00 each; \$17.50 per 10.

**Catalpa Bungei.** (Umbrella Catalpa.) Grafted on a stem six to eight feet high, it makes an umbrella shaped top without pruning. Perfectly hardy; flourishes in almost all soils and climates. Leaves large, glossy heart-shaped deep green. A very desirable tree.

2 year.

5 to 6 feet—\$2.00 each; \$17.50 per 10.  
6 to 8 feet—\$2.50 each; \$22.50 per 10.

**Catalpa Speciosa.** A rapid growing tree which is valuable for timber, fence posts, railroad ties, etc. Large, downy, heart-shaped leaves with racemes of white flowers in June, followed by long narrow beans.

8 to 10 feet—90 cts. each; \$8.00 per 10.

**Cornus Florida.** (White Flowering Dogwood.) Large white flowers in early spring, young growth bright red.

3 to 4 feet—80 cts. each; \$7.50 per 10.

**Cornus Florida Rubra.** Handsome red flowers displayed at even an earlier age than those of the White Dogwood.

3 to 4 feet—\$2.00 each; \$18.00 per 10.

**Crab.** (Bechtel's Double Flowering.) The tree is sturdy, hardy, and free from disease, of medium size, and when in bloom presents the appearance of being covered with delicate pink roses of medium size. Very fragrant.

2 to 3 feet—\$1.00 each; \$ 8.00 per 10.  
3 to 4 feet—\$1.25 each; \$10.00 per 10.

**Elm.** (American.) A magnificent, stately tree, wide sweeping top. One of the most noble and graceful trees where a tall, spreading tree is desired.

8 to 10 feet—\$1.00 each; \$ 8.00 per 10.  
10 to 12 feet—\$1.25 each; \$10.00 per 10.  
1½-1¾ inches—\$2.00 each; \$17.50 per 10.

**Honey Locust.** This is a large, vigorous tree with leaves and strong thorns. It makes a handsome and impenetrable hedge.

6 to 8 feet—\$1.25 each.

**Horse Chestnut.** (White Flowering.) A beautiful well known tree with dark green foliage, with an abundance of showy white flowers in the early spring.

6 to 8 feet—\$2.50 each.  
8 to 10 feet—\$3.00 each.

**Linden, American.** (Basswood.) A rapid growing tree of large size. Particularly valuable for its beautiful white wood. Large shining leaves and white flowers.

8 to 10 feet—\$2.00 each.

**Linden.** (European.) A fine pyramidal tree; leaves exceedingly broad, flowers appear in the month of June.

8 to 10 feet—\$2.00 each.

**Liquidamber.** (Sweet Gum.) A stately tree with narrowly ovate head, star-shaped lustrous leaves a dark green and cork bark. Its form is broad and pyramidal, and adapted for streets and avenues; its leaves in the spring emit a refreshing fragrance, and assume a rich crimson-scarlet in the fall. It gets its name from its fragrant sap and leaves.

6 to 8 feet—\$2.00 each.  
8 to 10 feet—\$2.50 each.

**Maple.** (Ash-Leaf.) (Box-Elder.) Grows rapidly to a large, spreading tree. It is easily distinguished by its leaves and greenish-yellow bark.

8 to 10 feet—\$1.00 each; \$ 9.00 per 10.  
10 to 12 feet—\$1.25 each \$11.00 per 10.

**Maple.** (Norway.) A handsome tree of large and fairly rapid growth, forming a dense rounded head of strong branches, and broad, deep green leaves. The best of the maples, and very desirable for street, lawn or park planting.

10 to 12 feet—\$3.50 each; \$30.00 per 10.  
1½ to 1¾ in.—\$3.75 each; \$35.00 per 10.  
1¾ to 2 in.—\$4.25 each; \$40.00 per 10.

**Maple.** (Schwedleri.) Very attractive, the foliage is of bright red and purple in the spring, a purplish green in mid-summer and golden yellow in the autumn.

10 to 12 ft.—\$4.25 each; \$40.00 per 10.  
1½ to 1¾ in.—\$4.75 each; \$45.00 per 10.

**Maple.** (Sugar or Rock.) A native tree, valuable for its production of wood and sugar.

8 to 10 feet—\$2.00 each; \$17.50 per 10.  
10 to 12 feet—\$2.50 each; \$22.50 per 10.

**Maple. (Silver.)**

Hardy, rapid-growing tree, large, valuable for producing quick shade, good for street planting, foliage bright green above with silvery white beneath.  
 8 to 10 feet—\$1.25 each;  
 \$10.00 per 10.  
 10 to 12 feet—\$1.50 each;  
 \$12.50 per 10.  
 1½ to 1¾ inches—\$2.00 each; \$17.50 per 10.  
 1¾ to 2 inches—\$2.25 each;  
 \$20.00 per 10.

**Maple. (Weir's Cut Leaf.)** One of the most remarkable and beautiful trees with cut foliage. Rapid grower, slender and drooping. Foliage abundant, green above, silver beneath.  
 10 to 12 feet—\$2.00 each;  
 \$17.50 per 10.

**Oak. (Pin.)** Almost pyramidal, and sometimes described as half weeping when old, as the lower branches nearly touch the ground. Leaves deep green, glossy and finely divided.

6 to 8 feet—\$1.90 each; \$17.50 per 10.  
 8 to 10 feet—\$2.20 each; \$20.00 per 10.  
 10 to 12 feet—\$2.50 each; \$22.50 per 10.

**Oak. (Scarlet.)** A grand, round-topped tree with bright green deeply cut leaves that color to a sparkling red in the fall.

6 to 8 feet—\$2.50 each.  
 8 to 10 feet—\$3.00 each.

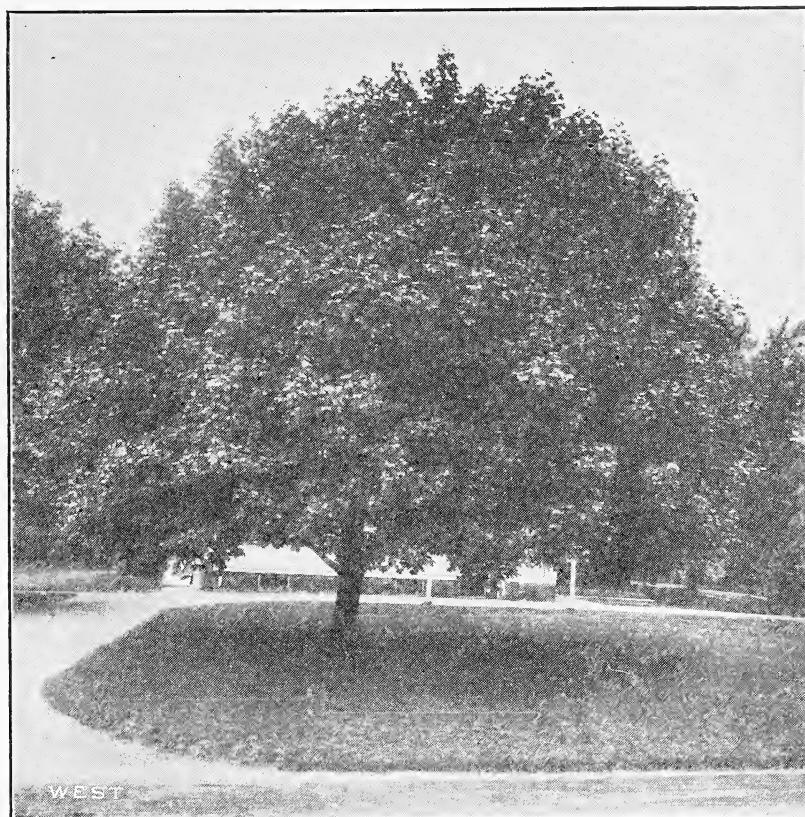
**Oriental Plane. (European Sycamore.)** Very popular for street planting. A rapid, upright, clean grower, with beautiful dense foliage; attains a large size.

8 to 10 feet—\$1.20 each; \$10.00 per 10.  
 10 to 12 feet—\$1.50 each; \$13.00 per 10.  
 1½- 1¾ inch.—\$2.00 each; \$17.50 per 10.  
 1¾-2 inch.—\$2.50 each; \$22.50 per 10.

**Poplar. (Lombardy.)** Symmetrical, pyramid-shaped head, glossy leaves. Well known for its erect, rapid growth and commanding form. Very desirable in large grounds.

8 to 10 feet—70 cts. each; \$6.00 per 10.  
 10 to 12 feet—90 cts. each; \$7.50 per 10.

**Purple Leaf Plum. (Prunus Pissardi.)** A handsome little tree covered with small white flowers in spring, after with pinkish purple leaves which deepen in color to the end of the season. Retaining this hue better than most purple-foliaged plants.  
 4 to 5 feet—\$1.00 each; \$9.00 per 10.



Norway Maple

**Tulip Tree (Whitewood.)** One of the most beautiful of our native trees. Upright growing with heavy foliage and bright glossy leaves. Beautiful tulip-like flowers. One of the Magnolia family. It has been one of the most valuable trees in our native forest, producing the highest quality of lumber and it is one of the most beautiful trees that can be grown.  
 6 to 8 feet—\$1.50 each.

## WEEPING TREES

The superior grace and beauty of the weeping varieties render them especially adapted to the yard, lawn or cemetery. No collection is complete without them.

**Birch. (Cut-Leaved.)** One of the most popular of all weeping trees; tall, slender, yet vigorous, graceful drooping habit, silvery white bark and delicately cut foliage.

8 to 10 feet—\$3.75 each.  
 10 to 12 feet—\$4.25 each.  
 1½ to 1¾ inches—\$4.75 each.

**Cherry. (Japan Weeping.)** An exquisite little tree, draped in rosy masses of bloom in early spring before its leaves appear.  
 1 year—\$3.75 each.  
 2 years—\$4.25 each.

**Elm. (Camperdown Weeping.)** When well grown forms an enclosure twenty or thirty feet in diameter.  
 1 year—\$2.25 each.  
 2 years—\$2.75 each.

**Mulberry.** (Tea's Weeping.) One of the most graceful weeping trees, forming an umbrella shaped head, with slender, willowy branches drooping to the ground.  
1 year—\$2.75 each.  
2 years—\$3.25 each.

**Willow.** (Wisconsin Weeping.) A fine drooping tree. Appropriate for planting on the banks of streams or lakes. Hardy.  
6 to 8 feet—60 cts. each; \$5.00 per 10.  
8 to 10 feet—80 cts. each; \$7.00 per 10.

## EVERGREENS

Hardy coniferous evergreens are indispensable in much of the landscape work that is done today. Every lawn, park etc., should have at least a few of these beautiful specimens to give the bit of color that is needed to set off the rest of the planting. They are especially valuable as backgrounds against which to group other trees and plants with beautiful colored leaves and branches. They are useful for screens and windbreaks, and, besides this, furnish homes for birds that remain with us during the winter.

In foundation plantings they add beauty and distinct charm throughout the entire year. During the summer season their many delightful tints of greens, blues, and yellows create wonderful daily changing effects which dim, if not altogether obscure, all other plantings. In winter there is a grandeur about an Evergreen planting that is superb. On bleak, dark days they lend their touch of color and brighten up the entire home, reflecting happiness and sunshine into one's very soul. On bright, clear, cold days they whisper of springtime and of the many surprises nature is about to unfold.

**Arbor Vitae.** (American.) The best for evergreen hedge. Grows very rapidly and can be pruned to any shape desired. Makes a dense and beautiful hedge for dividing a lawn, but should not be expected to turn stock. It is also desirable for planting in clumps with other trees.  
2 to 3 feet—\$2.50 each; \$20.00 per 10.  
3 to 4 feet—\$3.25 each; \$27.50 per 10.  
4 to 5 feet—\$4.25 each; \$37.50 per 10.  
5 to 6 feet—\$6.50 each.

**Arbor Vitae.** (Pyramidalis.) Forms a tall, slender column of dark green. Keeps a fine color all season. Hardy.  
2-3 feet—\$2.75 each; \$25 per 10.

**Arbor Vitae.** (Compacta.) Dwarf, rounded, dense; with leaves of light grayish green.  
15 to 18 inches—\$2.00 each.

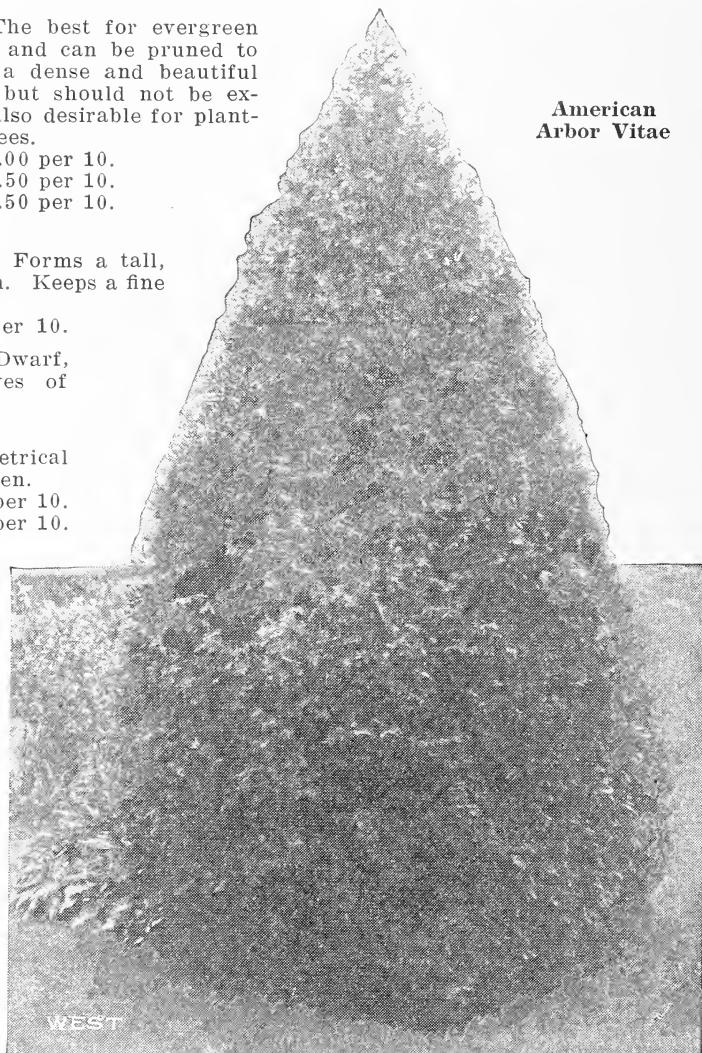
**Fir.** (Balsam.) A very symmetrical tree, the leaves are dark green.  
2-3 ft.—\$2.75 each; \$25.00 per 10.  
3-4 ft.—\$3.50 each; \$32.50 per 10.

**Juniper.** (Irish.) An erect, dense column of dark green, found quite effective in general landscape and formal planting.  
2 to 3 feet; \$2.50 each.

**Juniper.** (Swedish.) Of narrow, columnar form, with lighter, more bluish foliage than the Irish Juniper. Branches droop at the tips.  
2 to 3 feet—\$3.00 each.

**Pine.** (Austrian.) A remarkably robust, hardy, spreading tree of grand size, very dark and massive in effect.  
2 to 3 feet—\$3.00 each.  
3 to 4 feet—\$4.00 each.

American  
Arbor Vitae



WEST

**Pine.** (Scotch.) Dense, broadly pyramidal, luxuriant in growth, with strong erect shoots and silvery needles.

2-3 ft.—\$2.00 each. 3-4 ft.—\$3.00 each.

**Pine.** (White.) Tall and stately, one of the quickest growing and longest lived. The needles are long and silvery blue.

2-3 ft.—\$2.00 each. 3-4 ft.—\$3.00 each.

**Spruce.** (Hemlock.) Beautiful native evergreen. Free and drooping in growth, but dense when pruned, forming good specimen trees, hedges or shelters. Its dark green color is retained all winter. Grows naturally to a large tree.

2-3 ft.—\$3.00 each. 3-4 ft.—\$4.50 each.

**Spruce.** (Colorado Blue.) A magnificent tree with foliage of a silvery blue. Hardy and vigorous.

2-3 ft.—\$7.00 each. 3-4 ft.—\$9.00 each.

**Spruce.** (Colorado Green.) With brilliant foliage. Hardy in any exposure and of vigorous growth.

2-3 ft.—\$3.50 each. 3-4 ft.—\$5.00 each.

**Spruce.** (Norway.) The most universally planted evergreen, for screens, hedges, windbreaks and back-grounds. Perfectly hardy and easily transplanted.

18 to 24 inches—\$1.00 each; \$9.00 per 10.

2 to 3 feet—\$1.50 each; \$14.00 per 10.

3 to 4 feet—\$2.00 each; \$17.50 per 10.

## HEDGE PLANTS



A Block of California Privet

Fences are all right to keep the cows out of the corn, but they are distinctly out of place on the home grounds. What you want between your grounds and those of your neighbor is a hedge of Privet or Spirea. Not only does the hedge look better than a fence but it is permanent. A fence rots or rusts away, and after a few years must be replaced. A hedge remains year after year, and increases in value and beauty each succeeding year. It will grow dense clear to the ground and make a tight barrier to all animals.

For quick reference we designate such plants as are used for hedging purposes. These plants have been several times transplanted and are suitable for immediate planting.

**Arbor Vitae.** (American.) See Evergreens.

**Barberry Thunbergi.** Yellow flowers followed by scarlet berries which hang on through the winter; the green foliage changing to scarlet and gold in the fall. Makes a beautiful hedge.

15 to 18 in.—40 cts. each; \$3.50 per 10; \$30.00 per 100. 18 to 24 in.—50 cts. each; \$4.50 per 10; \$40.00 per 100. 2 to 3 feet—60 cts. each; \$5.50 per 10; \$50.00 per 100.

**Privet.** (California.) Thick, glossy rich, green leaves. Can be trimmed to any shape. Hardy.

15-18 in.—60 cts. per 10; \$5.00 per 100.

18-24 in.—80 cts. per 10; \$6.00 per 100. 2 to 3 feet—\$1.00 per 10; \$8.00 per 100.

**Privet.** (Ibota.) A fine, hardy border shrub, of spreading habit, growing 8 to 12 feet tall, with curving branches and leaves of grayish green. Its pure white flowers appear in June, to be followed later by bluish-black seeds, which persist until winter.

15-18 in.—\$2.00 per 10; \$18.00 per 100.

18-24 in.—\$2.50 per 10; \$20.00 per 100.

**Privet.** (Vulgaris.) (English.)

15-18 in.—\$2.00 per 10; \$18.00 per 100.

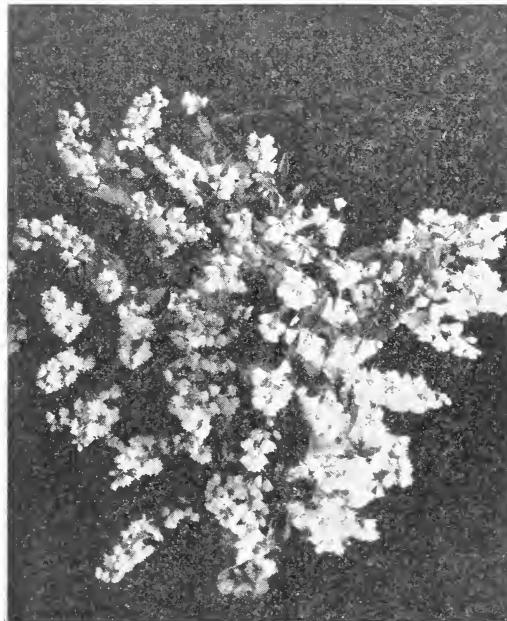
18-24 in.—\$2.50 per 10; \$20.00 per 100.

**Spirea Van Houtte.** See Shrubs.

**Spruce.** (Norway.) See Evergreens.

# DECIDUOUS SHRUBS

In corners of the grounds, at curves in the walk and driveways, and at the house foundation are excellent places to plant shrubs. They should be in groups, unless their ultimate size will be quite large. Lilacs may be used in specimen plantings, but low-growing shrubs, such as Barberry, the Spirea, etc., should be set in clumps. In growing it is always good policy to plant the taller growing varieties back of the lower sorts. This gives a "step-down" effect and seems to join the house to the lawn.



Deutzia Crenata (Fl. Pl.)

**ALTHEA.** (Rose of Sharon.) Blooms late in August and September, with large brightly colored flowers. When planted compactly and pruned they make a serviceable and showy hedge. Colors: Double Rose, Double Variegated, Double White, Double Purple and Variegated Leaf.  
 2 to 3 feet—40 cts. each; \$3.50 per 10.  
 3 to 4 feet—50 cts. each; \$4.50 per 10.

**CALYCANTHUS.** (Sweet Shrub.) Having a rare peculiar fragrance of wood and flowers. Blossoms of a chocolate red color.  
 2 to 3 feet—60 cts. each; \$5.50 per 10.

**CLETHRA ALNIFOLIA.** (Sweet Pepper Bush.) Fragrant wands of white flowers in September.  
 18 to 24 in.—40 cts. each; \$3.50 per 10.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.

**CORNUS.** (Elegantissima Variegata.) Dark green foliage margined with silver and red; wood a dark purplish red.  
 2 to 3 feet—70 cts. each; \$6.50 per 10.  
 3 to 4 feet—80 cts. each; \$7.50 per 10.

**Siberica.** Bright red bark in winter; clusters of small white flowers in early summer.  
 2 to 3 feet—40 cts. each; \$3.50 per 10.  
 3 to 4 feet—50 cts. each; \$4.50 per 10.

**CYDONIA.** (Japan Quince.) Hardy shrub, double crimson flowers in early spring.  
 2 to 3 feet—\$1.00 each.

**DEUTZIA.** They vary greatly in height and habit, but all have dainty bell or tassel-shaped flowers borne thickly in wreaths along their branches in June.

**Crenata.** Beautiful white single flowered species, growing 6 to 8 feet tall.  
 2 to 3 feet—40 cts. each; \$3.50 per 10.  
 3 to 4 feet—50 cts. each; \$4.50 per 10.

**Gracilis.** A dense little bush rarely over two feet high, that blooms in May. Pure white flowers.  
 15 to 18 in.—40 cts. each; \$3.50 per 10.  
 18 to 24 in.—50 cts. each; \$4.50 per 10.

**Lemoinei.** Rarely growing over three feet high, with spreading branches, bright green leaves, white flowers in large clusters.  
 2 to 3 feet—70 cts. each; \$6.50 per 10.

**Pride of Rochester.** This variety grows six to eight feet tall. The white flowers are large and double.  
 2 to 3 feet—40 cts. each; \$3.50 per 10.  
 3 to 4 feet—50 cts. each; \$4.50 per 10.

**Rosea.** Rose colored flowers.  
 2 to 3 feet—40 cts. each; \$3.50 per 10.  
 3 to 4 feet—50 cts. each; \$4.50 per 10.

**ELDER.** (Cut Leaf.) Fragrant white flowers in June and July, followed by large clusters of fruit.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.  
 3 to 4 feet—60 cts. each; \$5.50 per 10.

**ELDER.** (Golden.) Handsome with golden yellow leaves, valuable for enlivening shrubbery. Can be pruned into a neat, compact little bush, or grows naturally from ten to fifteen feet high.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.  
 3 to 4 feet—60 cts. each; \$5.50 per 10.

**FORSYTHIA.** (Golden Bell.) Masses of yellow bell-shaped flowers in the early spring before the leaves appear. Perfectly hardy.  
 2 to 3 ft.—40 cts. each; \$3.50 per 10.  
 3 to 4 ft.—50 cts. each; \$4.50 per 10.

**Fortunei.** Strong growing, erect branches.

**Intermedia.** Blooms very early. Slender, arching branches.

**Suspensa.** Long, curving branches used for covering arches and trellises.

**HONEYSUCKLE—**

2 to 3 ft.—40 cts. each; \$3.50 per 10.  
 3 to 4 ft.—50 cts. each; \$4.50 per 10.

**Tartarian.** Pink, red or white flowers, followed by red or orange berries.

**Bella Albida.** About six feet tall, with clusters of fragrant white flowers, followed by bright red berries, which cling all summer. Very handsome.

**HONEYSUCKLE—**

**Bella Rosea.** Similar to the Albida, but with rose colored flowers.

**Morrowi.** Grows only about four to five feet tall, spreading. Pure white flowers in early spring, with brilliant red fruits in August, which are persistent through the fall.

**Morrowi Red.** Similar to the above but with red flowers.

**Xylosteum.** Yellow flowers in May followed by Red Berries which persist during most of the summer.

**HYDRANGEA—**

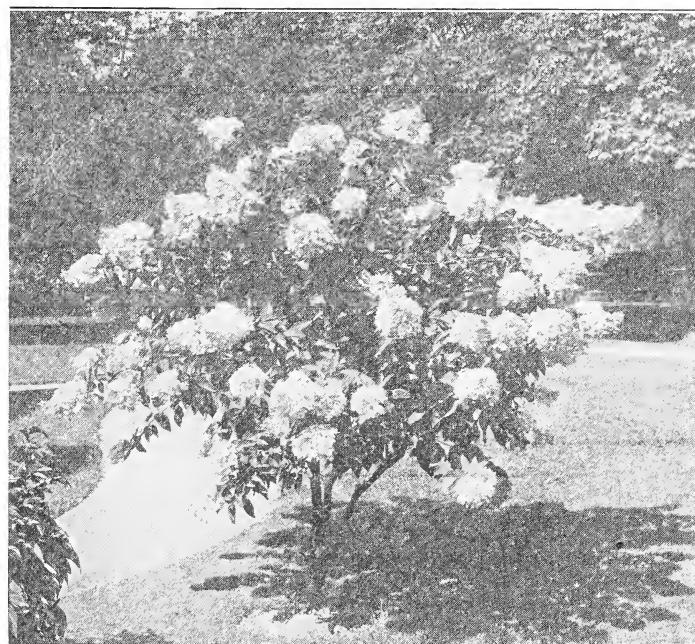
18-24 inches—50 cts. each;  
\$4.50 per 10.  
2 to 3 feet—60 cts. each;  
\$5.00 per 10.

**Arborescens.** Large white flowers in July and August, which resemble a Snowball.

**Paniculata Grandiflora.** Massive plumes of white flowers which change to pink and bronze green. Perfectly hardy. One of the most effective shrubs.

**Paniculata Grandiflora.** Tree shape.  
3 to 4 feet—\$1.25 each.

**LILAC.** Common Purple. Old-fashioned sweet-scented lilac of our childhood. Their



Hydrangea

fragrance should bless every home.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts each; \$4.50 per 10.

**Purple Grafted.**

**Mme. Lemoine.** Pure white double flowers.

**Mme. Casimir Perier.** White, double flowers.  
**Ludwig Spaeth.** Dark blue.

**Chas. X.** Dark lilac red.

2 to 3 feet—80 cts. each; \$7.50 per 10.  
3 to 4 feet—90 cts. each; \$8.50 per 10.

**Persian.** Purple and white, dwarf growing.  
2 to 3 feet—80 cts. each; \$7.50 per 10.

**PHILADELPHUS (Aurea.)** A medium sized shrub with golden foliage that remains bright through the season. Valuable for contrastive planting.

15 to 18 inches—60 cts. each; \$5.50 per 10.  
18 to 24 inches—70 cts. each; \$6.50 per 10.

**Coronarius.** (Garland Syringa.) Early bloomer, its large white flowers in graceful sprays are delightfully scented.

2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Gordonianus.** Strong growing; large white flowers late in July.

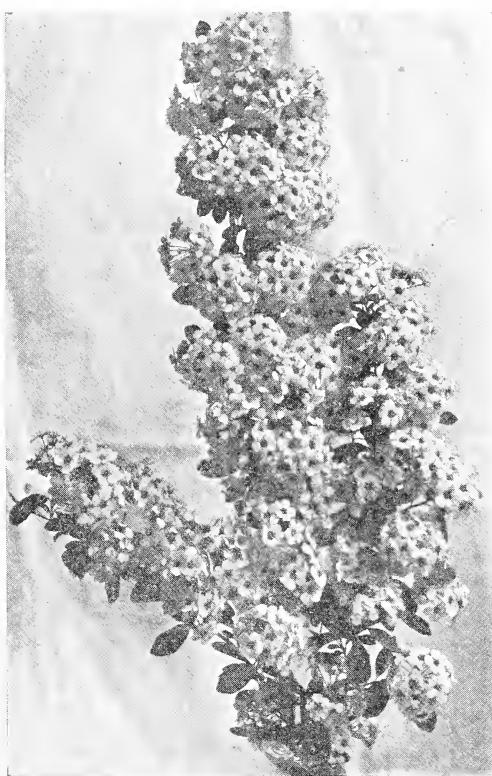
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Grandiflorus.** Vigorous; its long irregular branches are clustered with large slightly fragrant flowers in June.

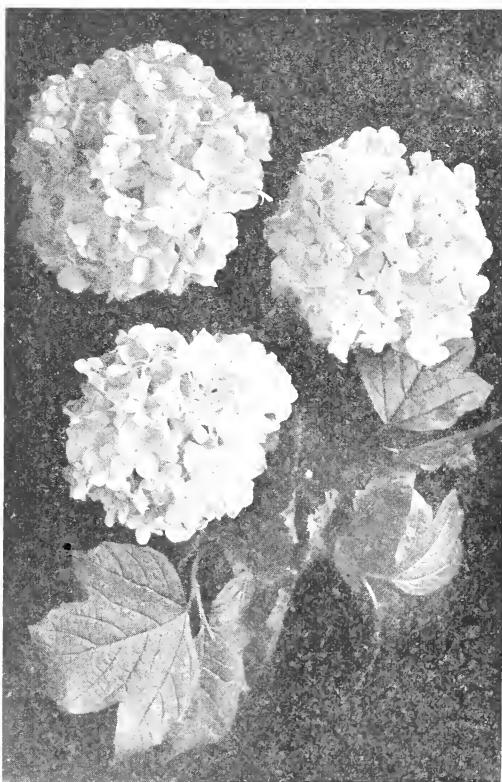
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**SPIREA.** (Anthony Waterer.) Makes a low compact bush, covered nearly the whole season with bunches of small deep crimson flowers.

15 to 18 inches—40 cts. each; \$3.50 per 10.  
18 to 24 inches—50 cts. each; \$4.50 per 10.



Spirea Van Houtte



**Viburnum (Old Fashioned Snowball)**

**Aurea.** Leaves bright yellow in spring, gradually changing to golden bronze in fall. Clusters of white flowers in June.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Billardi.** A narrow dense shrub six feet in height, with dense panicles of rich pink flowers in July and August.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Bumalda.** A spreading low bush about two feet high with dark leaves brightened by clusters of light pink flowers in May.  
15 to 18 inches—40 cts. each; \$3.50 per 10.  
18 to 24 inches—50 cts. each; \$4.50 per 10.

**Callosa Alba.** Of compact growth four feet high with upright branches and bluish foliage, crowded with large, flat clusters of white flowers nearly all summer.  
15 to 18 inches—50 cts. each; \$4.50 per 10.  
18 to 24 inches—60 cts. each; \$5.50 per 10.

**Douglasi.** Upright in growth to about five feet. Bears pikes of deep rose colored flowers in July and August.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Opuliflora.** Very strong growth, clusters of white flowers in June.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Prunifolia.** (Bridal Wreath.) Very early bloomer. Its graceful branches are covered nearly their whole length with small double white flowers.  
2 to 3 feet—60 cts. each; \$5.50 per 10.

**Reevesiana.** Narrow, pointed leaves, and round clusters of white flowers in June.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**Thunbergi.** Dense feathery foliage changing to bright red and orange in fall. Flowers pure white.  
18 to 24 inches—50 cts. each; \$4.50 per 10.  
2 to 3 feet—60 cts. each; \$5.50 per 10.

**Van Houtte.** Is covered in May with small white flowers in clusters, presenting a beautiful appearance. It is very hardy and one of the finest shrubs in cultivation.  
2 to 3 feet—40 cts. each; \$3.50 per 10.  
3 to 4 feet—50 cts. each; \$4.50 per 10.

**SYMPHORICARPOS — Racemosus.** (Snowberry.) Flowers are inconspicuous, rose-colored, in June and July; leaves thin, dark, green; fruits large, milk-white, clustered, persistent until late in the winter.  
2 to 3 feet—50 cts. each; \$4.50 per 10.  
3 to 4 feet—60 cts. each; \$5.50 per 10.

**Vulgaris.** (Indian Currant or Coral Berry.) Similar to the Snowberry, except that the fruit is red and clusters about the stem in thick ropes.  
2 to 3 feet—40 cts. each; \$3.50 per 10.

**VIBURNUM—Opulus.** (High Bush Cranberry.) Grows from eight to ten feet high, with white flowers in May, followed by beautiful showy clusters of scarlet fruits.  
2 to 3 feet—70 cts. each; \$6.50 per 10.

**Sterile.** (Common Snowball.) Great clusters of white flowers in May.  
2 to 3 feet—60 cts. each; \$5.50 per 10.



**Weigelia**

**WEIGELIA—Abel Carrier.** Flowers are rose-carmine with yellow spot in the throat.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.  
 3 to 4 feet—60 cts. each; \$5.50 per 10.

**Candida.** Vigorous habit and an erect grower. Flowers of pure white and produced in great profusion in June, and continuing during the summer.  
 2 to 3 feet—60 cts. each; \$5.50 per 10.  
 3 to 4 feet—70 cts. each; \$6.50 per 10.

**Eva Rathke.** Flowers of a dark carmine red in early summer. One of the best.  
 2 to 3 feet—90 cts. each; \$8.50 per 10.

**Rosea.** Rose colored blossoms in July.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.  
 3 to 4 feet—60 cts. each; \$5.50 per 10.

**Van Houtte.** Flowers flat, broad, deep rosy red, with orange markings.  
 2 to 3 feet—50 cts. each; \$4.50 per 10.  
 3 to 4 feet—60 cts. each; \$5.50 per 10.

**Variegata.** Leaves are broadly margined with creamy white, pink flowers.  
 2 to 3 feet—60 cts. each; \$5.50 per 10.

## ROSES

Roses thrive best in a medium light clay soil. Before planting prepare the soil by spading thoroughly and working over to a depth of about 18 inches, fill in well rotted stable manure while spading and work it carefully into the soil. After the plants are set, for best results cut all branches back to within 3 to 4 inches of the top of the ground. The new growth coming out will make a much nicer head than if the plant were not pruned, and the bushes will bloom better.

### CLUB ORDER No. 1

Roses—	\$5.00
1 Anna Diesbach	
1 Baron de Bonstettin	
1 Frau Karl Druschki	
1 Mrs. Laing	
1 Paul Neyron	
1 Ulrich Brunner	

### CLUB ORDER No. 2

Roses—	\$5.00
1 Anna Diesbach	
1 Frau Karl Druschki	
1 General Jacqueminot	
1 Gruss en Teplitz	
1 Harrison's Yellow	
1 Pink Killarney	

### GENERAL VARIETIES

(Except as Noted)

90 cts. each; \$8.50 per 10.

**Anna De Diesbach.** Bright rose color, very large and showy.

**Baby Rambler.** A type of rose which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost, immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems. Bright crimson color.

**Baron De Bonstettin.** A handsome, dark, rich, velvety red rose, blooms very freely.

**Clio.** Blush white, a very free bloomer and healthy grower. One of the most desirable.

**Earl of Dufferin.** Rich crimson maroon with dark velvety shadings, large, full and very fragrant.

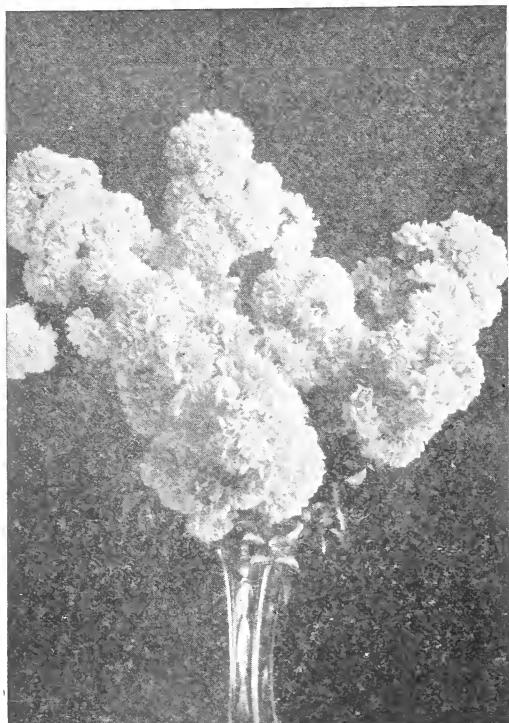
**Eugene Furst.** Velvety crimson shaded with darker crimson; very showy and a free bloomer.

**Erna Teschendorf.** Deep, unfading crimson, more dependable than the common Baby Rambler.

**Frau Karl Druschki.** The best perpetual white rose grown, pure waxy white, large, perfect form, a clean vigorous grower.



Gruss en Teplitz



Dorothy Perkins

**General Jacqueminot.** A rich crimson scarlet. Simply a mass of bloom when at its best.

**Gruss En Teplitz.** (Hybrid Tea.) Bright scarlet-crimson growing freely and blooming profusely. Quite hardy.

**Harrison Yellow.** Free blooming, semi-double yellow rose. Very hardy.

**Killarney.** (Pink.) (Hybrid Tea.) Exquisite form and fragrance. Bright pink marbled in white. Buds very long.

**La France.** (Hybrid Tea.) Tea Rose of bright satiny-pink with silvery reflex.

**Los Angeles.** (Hybrid Tea.) Brilliant flame-pink, toned with coral and shaded with gold at the base of the petals. Buds are long and pointed.

\$1.50 each; \$12.50 per 10.

**Magna Charta.** Bright, rosy pink, very large and full, fragrant.

**Margaret Dickson.** White with pale flesh center, a strong grower, very fragrant.

**Mrs. J. H. Laing.** One of the finest roses of its class; color, soft delicate pink, very fragrant, a continuous bloomer throughout the whole season.

**Paul Neyron.** One of the largest and finest hardy roses grown, bright rose pink, very large, blooms continuously from June to November.

**Persian Yellow.** Deep golden yellow. Semi-double, very fine.

**Prince Camille De Rohan.** One of the darkest roses, a dark velvety crimson changing to intense maroon, a very prolific bloomer.

**Ulrich Brunner.** A splendid upright grower, bright healthy foliage. An abundant bloomer. Bright cherry red.

**White Baby Rambler.** A type of rose which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost; immense trusses of small flowers. White flowers.

**Rosa Rugosa.** A valuable and perfectly hardy rose much used for landscape work; lustrous dark green foliage; is impervious to the attacks of insect pests. Its single, highly scented flowers are followed by large, handsome scarlet fruits, persistent into the winter. 70 cts. each; \$6.50 per 10.

**Alba.** Pure white.

**Rubra.** Rosy crimson.

## TREE ROSES

The Tree Roses are grafted on hardy stems 4 to 5 feet high, and thus form tree shapes. When in full bloom they are very handsome and popular for formal gardens. \$2.00 each; \$17.50 per 10.

In these we offer the following varieties:

**Erna Teschendorf.**

**Gruss En Teplitz.**

**Mrs. J. H. Laing.**

**Pink Killarney.**

**Frau Karl Druschki.**

## CLIMBING ROSES

75 cts. each; \$6.00 per 10.

**American Pillar.** Clusters of pink flowers with white eye. One of the best single flower climbers.

**Crimson Rambler.** The beautiful crimson clustered climber. Makes shoots from eight to ten feet long in a season. The best known climbing rose.

**Dorothy Perkins.** A beautiful shell-pink rose, having the same strong habit of growth as the Crimson Rambler. Very double, sweetly scented, and perfectly hardy.

**Excelsa.** Very deep pink, type of Dorothy Perkins.

**Flower of Fairfield.** One of the best of the newer varieties, flowers of a fine crimson color. The growth is vigorous, flowering freely and continuously throughout the entire season.

**Gardenia.** Buds bright yellow, flowers cream. Very hardy.

**Paul's Scarlet Climber.** Vivid Scarlet. New.

**White Dorothy Perkins.** Similar to Dorothy Perkins but white.

# PEONIES

If people only knew how simple and easy it is to grow beautiful Peonies, every lawn and garden would have a collection of the various kinds and colors. Peony bloom rivals the Rose in beauty and is much larger, which makes it the flower for beautifying the home lawn, house and store decoration and the annual remembrance on

the graves of your dead. The greatest advantage is that the plants and bloom are free from insect pests and do not have to be persuaded to bloom. Their bright colors and pleasing fragrance captivate people of every age, condition, location and race. In size they range from four to eight inches in diameter, some small and dainty, others massive and fluffy as any chrysanthemum, and a great many with a fragrance as charming and delicate as a rose. The modern Peony is certainly a marvel. 30 cts. each; \$2.50 per 10.

**Alice.** White with flesh center, very large, and pretty; late.

**Carnation.** Red, very handsome, a free bloomer, very fragrant.

**Duchess De Nemours.** Deep pink outer petals with yellowish pink center, large, showy, free bloomer.



**Ener.** Flesh pink, chrysanthemum center, a heavy bloomer, very pretty.

**Festive Maxima.** Enormous flowers, clear white with an occasional carmine red spot on the edges of center petals. Handsome.

**Grandiflora.** Deep rose color, almost red, very fine.

**Jupiter.** Double pink, very handsome, strong, free bloomer.

**Mrs. Fletcher.** Double pink, very pretty.

**Nigra.** Dark red, very pretty.

**Olive Logan.** Rose pink, white center, handsome.

**Pottsii.** Dark red, yellow stamin, very attractive.

**Rose Fragrans.** Deep rose color, very fragrant, strong, free bloomer.

**Terry's No. 1.** Deep pink outer petals, flesh center, pretty.

# CLIMBING VINES



English Ivy Clematis Paniculata

**AMPELOPSIS VEITCHII.** (Boston Ivy.) One of the finest climbers for covering walls, as it clings to smoothest surface, covering it with a mass of foliage. The color is a bright green in summer, changing to bright shades of crimson and yellow in the fall. 75 cts. each; \$6.00 per 10.

**AMPELOPSIS ENGELMANII.** Deeply cut leaves which turn to beautiful crimson in fall. Fine for covering trees, walls, etc. 35 cts. each; \$2.50 per 10.

**ARISTOLOCHIA SIPHO.** (Dutchman's Pipe.) Large leaves; brownish flower resembling a miniature pipe. \$1.50 each; \$12.50 per 10.

**CLEMATIS COCCINEA.** Very handsome, thick, small, bell-shaped flowers of bright coral-red. Blooms profusely from June until frost. 50 cts. each; \$4.00 per 10.

**CLEMATIS CRISPA.** Blue, bell-shaped flowers. 80 cts. each; \$7.00 per 10.

**CLEMATIS HENRYI.** Large, creamy white flowers of fine shape. 80 cts. each; \$7.00 per 10.

**CLEMATIS JACKMANI.** Very large, velvety violet-purple flowers. Blooms continually from July until frost. 80 cts. each; \$7.00 per 10.

**CLEMATIS MADAME EDOUARD ANDRE.** Very large flowers of a distinct crimson-red. 80 cts. each; \$7.00 per 10.

**CLEMATIS PANICULATA.** A very rapid grower with handsome, clean, glossy foliage. The flowers of medium size, fragrant, pure white, produced in great profusion in September. 35 cts. each; \$2.50 per 10.

**HONEYSUCKLE. (Hall's Japan.)** Pure white changing to creamy yellow, very fragrant, in bloom the whole season. Valuable for covering banks or bare places where grass will not grow. 40 cts. each; \$3.00 per 10.

**HONEYSUCKLE. (Scarlet Trumpet.)** Flowers scarlet and trumpet shaped. 40 cts. each; \$3.00 per 10.

**CHINESE MATRIMONY VINE.** Is sometimes trained as a shrub. Purple flowers followed by showy fruit. 35 cts each; \$2.50 per 10.

**WISTARIA MAGNIFICA.** Flowers in dense drooping racemes of pale lavender. 50 cts. each; \$4.00 per 10.

**WISTARIA SINENSIS ALBA.** Same as the above only having pure white flowers. 70 cts. each; \$6.00 per 10.

## HARDY PERENNIALS

It is always well to have plants that come up year after year without replanting. These can be used to best advantage in groups and beds on the lawn as borders for drives, walks, or in front of shrubbery and in the garden. Some of the tall growing sorts may be planted in the spring or fall. Soil should be kept well fertilized. A light covering of coarse strawy manure or something that will not pack is beneficial in winter. Use more perennials.



Cosmos

**ACHILLEA. (Milfoil or Yarrow.) Boule de Neige.** Pure white flowers borne on strong, erect stems, about 2 feet high. A very plentiful bloomer all summer. Very good for cutting. 15 cts. each; \$1.25 per 10.

**ALYSSUM. (Mad. Wort.) Saxatile Compactum. (Gold Tuft.)** Produces broad, flat heads of bright yellow flowers during May, reaching a height of about 1 ft. A necessary plant for the rockery or border. 15 cts. each; \$1.25 per 10.

**ANCHUSA ITALICA.** Dropmore Variety—A very strong, vigorous plant growing from 3 to 5 feet high. Bears a profusion of deep blue flowers from spring until late summer. Growth is very branched, each branch terminated by a large, graceful spike of gentian blue flowers. 15 cts. each; \$1.25 per 10.

**AQUILEGIA. (Columbine.)** A very graceful perennial, bearing most delicately colored flowers on stems rising 2 feet or more above the foliage. A favorite with the lover of the old-fashioned garden. Especially useful in the rockery. 15 cts. each; \$1.25 per 10.

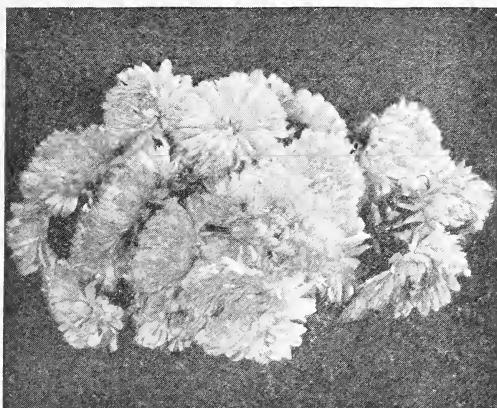
**Canadensis.** Bright red and yellow flowers. Our native Columbine.

**Chrysanthia.** Golden Long-spurred Columbine. **Long Spurred Hybrids, Scott Elliott Strain.** Large flowered Columbines in all the most delicate colors. Excellent for cutting.

**Cerulea.** The Rocky Mountain Columbine. Very daintily flowered blue and white.

**ASCLEPIAS. (Butterfly Weed.)** A very bright, showy native plant, producing heads of brilliant orange flowers about  $2\frac{1}{2}$  feet high during July and August. 15 cts. each; \$1.25 per 10.

**ASTERS. (Michaelman Daisies.)** A showy, late-flowering perennial, most of them native to the northern and middle states, and do well anywhere. 15 cts. each; \$1.25 per 10.



Asters—Lavender

**Novi Belgii White Climax.** Large pyramidal clusters of pure white flowers. 4 to 5 feet high.

**Novi Belgii Climax.** A new variety, 5 ft. high, bearing large-flowered spikes of light lavender-blue flowers from August till October.

**Novi Belgii St. Egwin.** Very free-flowering, foliage deep green. Flowers rosy pink. Grows from 3 to 4 feet high.

**Novae Angilae.** Old New England Aster. Deep violet-blue. 4 to 5 feet tall.

**BAPTESIA AUSTRALIS.** (False Indigo.) Dark green foliage with spikes of deep blue flowers during June. Thrifty plant, about 2 feet high. 15 cts. each; \$1.25 per 10.

**BOLTONIA.** (False Chamomile.) A native perennial with large single aster-like flowers. It blooms during the late summer and Autumn months, and its multitude of flowers all open at one time, is very showy. 15 cts. each; \$1.25 per 10.

**Asteroides.** Pure white. 5 to 7 feet tall. 15 cts. each; \$1.25 per 10.

**Latisquama.** Pink, tinged with lavender. 15 cts. each; \$1.25 per 10.

**BUDDLEI.** (Summer Lilac.) 50 cts. each; \$4.00 per 10.

**Magnifica.** A large bushy plant, bearing terminal spikes of deep lilac color, and very fragrant, from July to frost.

**CAMPANULA.** (Bellflowers.) **Calycanthema.** (Dbl. Canterbury Bells.) Large spikes of bell shaped flowers. Three separate colors, White, Blue or Rose. 15 cts. each; \$1.25 per 10.

**Pyramidalis.** (Chimney Bellflower.) A distinctive Perennial, growing 4 to 5 feet high. Forms a pyramid of salver-shaped, porcelain-blue flowers in August. 30 cts. each; \$2.50 per 10.

**Pyramidalis.** White. Similar to the above in growth. 30 cts. each; \$2.50 per 10.

**CENTAUREA. MONTANA.** (Perennial Cornflower.) Bears large violet-blue flowers from July to September. 2 feet high. 20 cts. each; \$1.50 per 10.

**CHRYSANTHEMUMS.** All "Mums" listed are strictly hardy. Their value and popularity lies in the fact that they are a mass of bloom long after all other flowers are gone. 20 cts. each; \$1.50 per 10.

**Autumn Glow.** Deep rose.

**Eva.** Slightly dwarf. Light pink.

**Fields of Snow.** A mass of bloom. Opens pure white, changing when old to dull pink, giving the flowers a variegated appearance.

**Golden Queen.** Flowers a deep yellow, good sized.

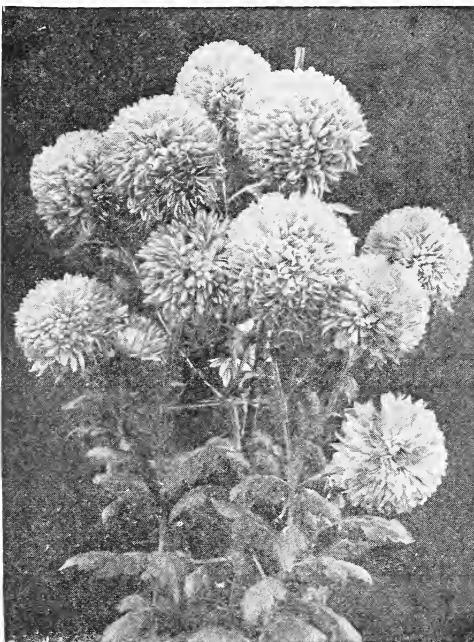
**Indian.** Copper-red, tinged with crimson.

**Old Homestead.** Light pink. Flowers very double and compact. A showy chrysanthemum.

**COREOPSIS, Lancolata.** The improved Coreopsis. A profusion of golden flowers all summer long. Excellent for cutting. 15 cts. each; \$1.25 per 10.

**DELPHINIUM. (Larkspur.)** This Perennial furnishes shades of blue which are scarce in flowers, making it invaluable for the color scheme. It is a persistent bloomer from June till frost.

**Belladonna.** A new variety and the most continuous bloomer of them all. Large spikes of delicate turquoise blue flowers from July to frosts. 15 cts. each; \$1.25 per 10.



Chrysanthemums

**Bellamosum.** We have discarded Formosum for this variety, for in our estimation it is far superior. A dark blue, with all the everblooming qualities of Belladonna. 20 cts. each; \$1.50 per 10.

**Chinese.** A dwarf larkspur, with fine-cut, feathery foliage. Blooms in the lighter shades of blue. 15 cts. each; \$1.25 per 10.

**Chinese Album.** Pure white, otherwise similar to the above. 15 cts. each; \$1.25 per 10.



**DIANTHUS BARBATUS.** (Sweet William.) 15 cts. each; \$1.25 per 10.

**Johnson's Giant.** The best of the Sweet Williams. Immense heads of flowers in the prettiest color combinations.

**Newport Pink.** Salmon-pink.

**Latifolius Atrococcineus.** (Everblooming Sweet William.) Bears bright crimson flowers the entire summer. Very good for bedding or cutting.

**DIGITALIS.** (Foxglove.) An old-fashioned, dignified and stately perennial, often attaining

a height of from 4 to 6 feet, rising from a thrifty, deep green foliage. 15 cts. each; \$1.25 per 10.

**Gloxinaeflora.** Thimble-shaped flowers. Three colors, Rose, White or Purple.

**FUNKIA.** (Plantain Lily.) **Media Variegata.** Large, deep green leaves, yellow striped. Unexcelled for border. 25 cts. each; \$1.75 per 10.

**Subcordata Grandiflora.** Pure White, lily-shaped flowers in August. 25 cts. each; \$1.75 per 10.

**Cerulia.** Deep green, slender leaves, pale lavender flowers. 15 cents each; \$1.25 per 10.

**GAILLARDIA.** (Blanket Flower.) **Grandiflora.** Very showy flowers, 3 inches in diameter. A hard center of deep maroon, thickly fringed with petals of orange and yellow, marked with rings of crimson, red, and maroon. A continuous bloomer, especially good for cutting. 20 cts. each; \$1.50 per 10.

**GEUM.** **Mrs. Bradshaw.** Produces bright scarlet flowers in late summer and fall. Very pretty as a border. 20 cts. each; \$1.50 per 10.

**GYPSOPHILA.** (Baby's Breath.) **Paniculata.** Good for cutting with other flowers. Sprays of minute, pure white flowers. Used as a border it forms a mass of bloom, 2 to 3 feet high, as much through. 15 cts. each; \$1.25 per 10.

**HELENIUM.** (Sneezewort.) **Autumnale Superbum.** Attains a height from 5 to 6 feet, producing broad heads of golden yellow flowers during late summer and fall. 25 cts. each; \$1.75 per 10.

**Riverton Gem.** Old Gold, changing to wall-flower red. Blooms during August and September. 4 feet.

**HELIOPSIS.** (Orange Sunflower.) **Pitcheriana.** Daisy-like flowers, about 2 inches in diameter, a deep golden yellow. Very desirable for cutting. 15 cts. each; \$1.25 per 10.

**HOLLYHOCKS.** Double-flowered. These tall, stately plants are necessary in every old-fashioned garden. Their spikes, 6 to 8 feet tall, are covered with rosettes of double, compact flowers, in the following colors: white, maroon, pink, crimson, and yellow. 15 cts. each; \$1.25 per 10.

**HEMEROCALLIS.** (Yellow Day Lily.) Very hardy plants of the Lily family. They do well anywhere, and are essential in the old-fashioned border.

**Middendorfii.** A dwarf grower, bearing clusters of deep golden flowers during June and July. 20 cts. each; \$1.50 per 10.

**Dr. Regel.** An early blooming variety, flowers a golden yellow. 25 cts. each; \$1.75 per 10.

**Thunbergii.** The latest blooming Lemon Lily. Buttercup yellow. 20 cts each; \$1.50 per 10.



Garden Iris—Celeste

**IRIS GERMANICA.** (Garden Iris.) This is the genuine "Fleur de Lis," and a favorite in the old-fashioned garden. They are at their best in May, a time of year when there are few other flowers in bloom.

**Midnight.** Standard and falls a uniform black-purple. 20 cts. each; \$1.50 per 10.

**Pallida Dalmatica.** Strong grower. Silvery Lavender. 15 cts. each; \$1.25 per 10.

**Pallida Mandraliscae.** Early. Rich lavender-purple. 15 cts. each; \$1.25 per 10.

**Mme. Pacquitten.** Early. Rosy-claret. 15 cts. each; \$1.25 per 10.

**Loreley.** Light yellow standards, purple falls striped and margined with yellow. 15 cts. each; \$1.25 per 10.

**Her Majesty.** Standards bright rose, tinged with lavender. Falls crimson and white, slightly striped. 15 cts. each; \$1.25 per 10.

**Celeste.** Standards grayish-blue, falls bright blue. 15 cts. each; \$1.25 per 10.

**Honorabilis.** Standards bright golden yellow, falls maroon. 15 cts. each; \$1.25 per 10.

**Isolene.** Standards pale lavender, falls light purple overlaid with brown. 15 cts. each; \$1.25 per 10.

**Lohengrin.** A very tall thrifty grower. Standards uniform deep violet mauve. 15 cts. each; \$1.25 per 10.

**Nieblungen.** A distinctive variety, with fawn yellow standards, and violet, fawn-edged falls. 15 cts. each; \$1.25 per 10.

**Parasensis.** Large flowered, deep purple, delicately penciled white. 15 cts. each; \$1.25 per 10.

**Tamerlane.** Luxuriant foliage. Standards light blue, falls deep purple. 15 cts. each; \$1.25 per 10.

**JAPAN IRIS.** Foliage narrow and deep green. Flowers more spreading than the Germanica.

**Hercule.** Double. Large flowers, lilac-blue, rayed with violet-blue; haft bright yellow. 50 cts. each; \$4.00 per 10.

**Minerve.** Single. Outer petals white tinted with rose. Center petals rose, haft yellow. 50 cts. each; \$4.00 per 10.

**Patrocle.** Single. Large flowers of dark reddish violet. 40 cts. each; \$3.00 per 10.

**LINUM PERENNIAE.** (Perennial Flax.) Graceful, feathery foliage with a profusion of large blue flowers the entire summer. Exceptionally good for the rockery or border. 20 cts. each; \$1.50 per 10.

**MALLOW MARVELS.** (Hibiscus.) **Meehan's Strain.** These flowers reach an enormous size, often measuring 10 to 12 inches across. We have them in three separate colors, Red, Pink, and White. 20 cts. each; \$1.50 per 10.

**PHLOXES.** Everyone knows and likes hardy Phloxes. These plants thrive anywhere, and are in bloom during a long period of the summer.

**Athis.** Bright salmon-pink with a violet eye. Tall, vigorous grower. 25 cts. each; \$2.00 per 10.

**B. Compte.** An exceptionally pretty Phlox, of a rich, deep red. 30 cts. each; \$2.50 per 10.

**Bridesmaid.** White with a prominent rose eye. Large, shapely head. 25 cts. each; \$2.00 per 10.

**Europa.** Pure white with decided carmine eye. Strong upright grower. 25 cts. each; \$2.00 per 10.

**Huxley.** Small flowered, but throws a large head of bloom. Mauve-pink, a tall grower. 25 cts. each; \$2.00 per 10.

**La Vague.** Large, conical heads of deep pink flowers with bright carmine eye. 25 cts. each; \$2.00 per 10.

**Lumineaux.** Bright rose. 25 cts. each; \$2.00 per 10.

**Miss Lingard.** Waxy white, with lavender eye. Very long spikes. Blooms from the ground up. 25 cts. each; \$2.00 per 10.

**Mrs. Ingalls.** Pink with rose eye. 25 cts. each; \$2.00 per 10.

**Mrs. Jenkins.** Large flowered, pure white. 25 cts. each; \$2.00 per 10.

**Mrs. Dwyer.** White with deep pink eye. 25 cts. each; \$2.00 per 10.

**Rheinlander.** Unusual shade of salmon-pink, center of claret-red. Both the individual blooms and trusses are very large. 25 cts. each; \$2.00 per 10.

**Rosenberg.** Bright reddish violet, with blood-red eye; extra large. 25 cts. each; \$2.00 per 10.

**Ryndstrom.** Bright rose-pink; very large and fine. 25 cts. each; \$2.00 per 10.

**Sieboldii.** A semi-dwarf grower, bright salmon. 25 cts. each; \$2.00 per 10.

**Sir Ed. Landser.** A very conspicuous Phlox of the brightest crimson. 30 cts. each; \$2.50 per 10.

**Sunset.** Deep, warm pink. 25 cts. each, \$2.00 per 10.

**Special French.** Blush-pink, with light rose eye. Large florets. 25 cts. each; \$2.00 per 10.

**Von Lassburg.** A very large head of the purest white. In our estimation the best white Phlox. 25 cts. each; \$2.00 per 10.

**PHLOX SUBLATA.** (Mountain Pink.) Moss-like evergreen foliage, hidden in the spring under a mass of bloom. Invaluable for the border or for ground cover. 15 cts. each; \$1.25 per 10.

**Alba.** Pure white.

**Rosea.** Bright Rose.

**PYRETHRUM.** (Painted Daisy.) **Roseum.** Fine-cut foliage. Produces very attractive flowers in all the shades of rose on long, straight stems. Very good for cutting. 15 cts. each; \$1.25 per 10.

**SAPONARIA OCYMOIDES.** A showy dwarf creeper, bearing a profusion of small pink flowers during July and August. 15 cts. each; \$1.25 per 10.

**SHASTA DAISY.** **Alaska.** Very large flowers of purest white. Continually in bloom during the latter part of the summer. Very useful for cutting. 15 cts. each; \$1.25 per 10.

**STATICE LATIFOLIA.** (Sea Lavender.) Foliage consists of tufts of evergreen leaves. Large heads of minute, smoky blue flowers. Unexcelled for cutting with other flowers, and keeps well if cut and dried. 30 cts. each; \$2.50 per 10.

**VIOLA.** (Everblooming Perennial Pansy.) Continuously in bloom from earliest spring until hard frosts. Slightly smaller than the Pansy. Invaluable as a hardy border plant. 15 cts. each; \$1.25 per 10.

**Admiration.** Purest White.

**Black Prince.** A deep, velvety purple, the largest of the Violas.

**Lutea Splendens.** Very bright buttercup yellow. A profuse bloomer.

**YUCCA. (Filamentosa.)** (Adam's Needle; Spanish Bayonet.) The broad, sword-like foliage is evergreen; midsummer shows erect branching stems bearing a showy display of pendant, creamy white bells. 25 cts. each; \$2.00 per 10.

## ORNAMENTAL GRASSES

**EULALIA GRACILLIMA UNIVITTA.** Narrow green leaves with a silvery mid-rib. Very graceful habit, and perfectly hardy.

**EULALIA, JAPONICA VARIEGATA.** Long, narrow leaves striped with green and white, sending up stalks four to six feet high, topped with a cluster of flower-spikes.

**EULALIA, ZEBRINA.** One of the most striking and distinct of the ornamental grasses. The foliage is marked crosswise with bands of green and white.

25 cts. each; \$2.00 per 10.

## INDEX

	Page		Page
Apples, Summer -----	2	Ornamental Department -----	16
Apples, Fall -----	2-3	Peaches -----	6-7
Apples, Winter -----	3-4	Plums, European -----	9-10
Apples, Crab -----	4	Plums, Japanese -----	10
Apricots -----	7	Pears -----	8
Asparagus -----	15	Pears, Winter -----	9
Blackberries -----	12-13	Pears, Summer -----	8
Cherries, Sweet -----	5	Pears, Autumn -----	9
Cherries, Sour -----	5	Plants, Perennial -----	28-32
Currants, Red -----	12	Peonies -----	27
Currants, White -----	12	Quinces -----	8
Dewberries -----	15	Rhubarb -----	15
Evergreens -----	20-21	Raspberries, Purple -----	13
Gooseberries -----	11	Raspberries, Black -----	13
Grasses, Ornamental -----	32	Raspberries, Red -----	13-14
Grapes, Red -----	11	Raspberries, Yellow -----	14
Grapes, White -----	11	Roses -----	25
Grapes, Black -----	11	Roses, Climbing -----	26
Hedges -----	21	Shrubs, Deciduous -----	22-25
Mulberries -----	11	Strawberries -----	14-15
Nut Trees -----	10	Strawberries, Everbearing -----	15
		Trees, Deciduous -----	17-19
		Trees, Weeping -----	19-20
		Vines -----	27-28

## SPRAY CALENDAR

PLANT	INSECTS OR DISEASES	REMEDY	FIRST APPLICATION	SECOND APPLICATION	THIRD APPLICATION	REMARKS
BLACKSPOT CANKER	Bordeaux, double strength	Immediately after leaves fall	Three weeks later			
BUD Moth	Lime-Sulphur	Just as buds are swelling				
+	Paris Green, 1 lb. to 100 gallons of water	Within one week after blossoms fall	Week or ten days	Two weeks later		A fourth application will pay. If bitter rot is present, a fifth application should be made.
Coccid	See plm.	After blossoms fall	Repeat in ten days	10 days later		
Curculio	Arsenate of Lead					
Flathead Borer	Dig out worms in fall and spring with knife. During growing season whitewash base of trunk or apply Carbon Bisulphide.					
+	Green Aphis	When the leaves are off the tree				
San Jose Scale	Lime-Sulphur or soluble oils as recommended	Early in November				
Twig Borer	Lime-Sulphur	When buds swell in spring				
Woolly Aphis, Oys. Kerocene emulsion, 1 part oil to 12 parts water.	Soluble oils as recommended. Use when young first hatch in early spring					
+	Woolly Aphis, Oys. Kerocene emulsion, 1 part oil to 12 parts water.					
Black Aphis	Kerocene emulsion or whale oil soap. Soluble oils as recommended.					
BROWN ROT	Bordeaux	Just before blossoms open				
		Arsenate of Lead. Paris Green or dust with lime, road dust or ashes, when the insects appear.				
CHERRY † *						
Slugs	Aphis	Early before leaves roll				
		10% Kerocene emulsion				
MILDREW		Potassium sulphide, 1 oz. to 2 gallons of water				
GOOSEBERRY		Bordeaux, or dilute Lime-Sulphur				
GRAPE		When buds first swell				
LEAF CURL AND ROT	Lime-Sulphur	Just before the buds open				
MILDREW	Lime-Sulphur	Before buds burst				
PEACH	Peach Tree Borer	Dig out worms in fall and spring with a knife. During growing season whitewash base of trunk.				
	Blister Mite	Lime-Sulphur, 1 gal. to 10 gallons of water	When leaves are off tree			
COTTONY SCALE		Kerocene emulsion	When insects become cottony (May)			Add more soap than the formula calls for. Repeat 10 to 12 days later if necessary.
SCAB	Lime-Sulphur or Bordeaux with Arsenate of Lead	Just before blossoms open				While the last blossoms are falling. Use a vermorel nozzle. Do not drench the trees.
PLUM	Arsenate of Lead, 1½ lbs. to 50 gallons water	After blossoms fall				10 days later recommended solution if Aphis is present, use lime-sulphur or recommended compound.
RASPBERRY						Dilute the mixture to half the strength given in formula —100 gallons of water instead of 50.
BLACKBERRY						
DEWBERRY	Fungous Diseases					

SOMATIC TREATMENT FOR PEACH

†Same treatment for Pear

FOR OVER a third of a century we have been supplying trees and plants to many of the most successful and prominent fruit growers in the United States. We are always ready and glad to give our customers the benefit of our observation and experience, for their success: because our interest is our customers' and the trees we sell to them, does not end when the first deal is closed, but we hope that that is only the beginning of many years of pleasant and profitable business intercourse.

We are especially glad to have any of our customers visit and inspect our nurseries at all times. Our nurseries are located thirty-five miles east of Cleveland by Euclid Avenue or Market Road No. 1; five miles east of Painesville, and one mile and a quarter west of Perry station.